

Chronology of the Great Pyramid



Petko Nikolic Vidusa

Mystic Book, 2023



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PART ONE
(Distance, Speed, Time)

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*Petko Nikolic Vidusa,
reader of records in the circles of the Tree of Time.*

WHY WAS THE GREAT PYRAMID BUILT



Figure 1. *The Great Pyramid of Giza (Photo: Library of Congress).*

Through many millennia lots of earthquakes shook the Great Pyramid. Current physical condition of the Great Pyramid does not correspond exactly to its original building. At the present time, the ancient building of the Great Pyramid can't be accurately measured and it doesn't show the architect's full plan, but with a mathematical reconstruction using real natural facts it can decipher the ideological message of the ancient architects.

Why was the Great pyramid of Giza built? The Great Pyramid is a time capsule which holds ancient wisdom, knowledge about the ancient and modern metrology, knowledge about the size of the Earth, and fundamental but important knowledge about astronomy, with an exact precision which is only in our time established by the modern astronomical science. This is the knowledge about our material physical world.

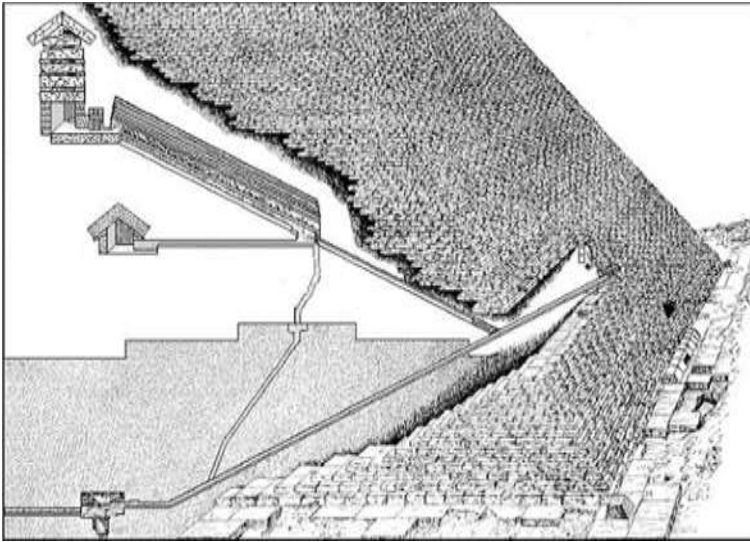


Figure 2. Sectional drawing of the interior of the Great Pyramid (Courtesy of Howard B. Rand, author of *"The challenge of the Great Pyramid"*, Destiny Publisher, Merrimac, Mass. 1880).

The numbers and the measurements of the Great Pyramid also hold and show the knowledge of future events and show the major historical moments of human history: creation of the world, the time when the Pyramid was built, the great biblical flood, the birth of the Messiah, His suffering, resurrection and his second coming to Earth. This is the knowledge about our spiritual world.

"This has been done of the Lord; and it is wonderful in our eyes." (Psalm, 118:23)

The Great Pyramid at Giza, Egypt, is the largest stone building ever ever constructed on Earth. The Great Pyramid is located at the center of the land mass of Earth. The architect had advanced science and

geography data and knew the size and shape of the continents on a global scale.

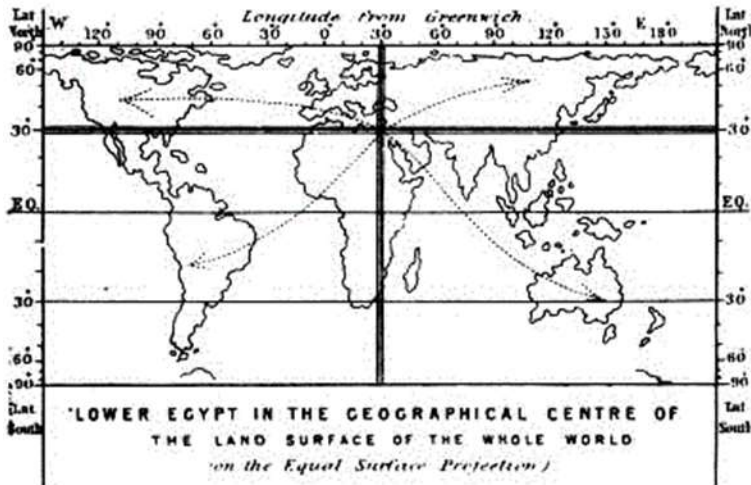


Figure 3. *The Great Pyramid on the geographical centre of the land surface of the whole world.*

The basic dimensions of the Pyramid also include measurements of the size and shape of the Earth. In the period 3000 - 2500 BC. man did not have the tools or knowledge necessary to build the pyramids.

Who built the pyramids? Aliens or men? The best answer is: aliens (angels) and men.

GRANITE IN THE GREAT PYRAMID

Quartz occurs abundantly in many rocks, including granite. On a hardness Moh's relative scale of 1 to 10 (talc at 1, glass at 6, and a diamond at 10) most granite is rated between 6 and 7. Because of the hardness of minerals that make up granite, it requires diamonds along with water to cut and polish granite. Has it ever been demonstrated that copper or bronze can cut granite? Never! Why? Because that is impossible!



Figure 4. *The basalt pavement (black color) of the Temple and a bed of limestone (white color) fitted together.*

"The basalt pavement is a magnificent work, which covered more than a third of an acre. The blocks of basalt are all sawn and fitted together; they are laid upon a bed of limestone...".^[1]

On the above pictures it perfectly shows the connection between the basalt lava and the limestone. Is there any Egyptologist, archeologist or architect who will explain all these methods of construction? No, they are quiet and mute because they do not have the answer. When all of them are silent nobody else will even start to think about all this.

.....
^[1] W. M. Flinders Petrie, *The Pyramids and Temples of Gizeh*, London, 1883, p. 46.

POSITION OF THE GREAT PYRAMID

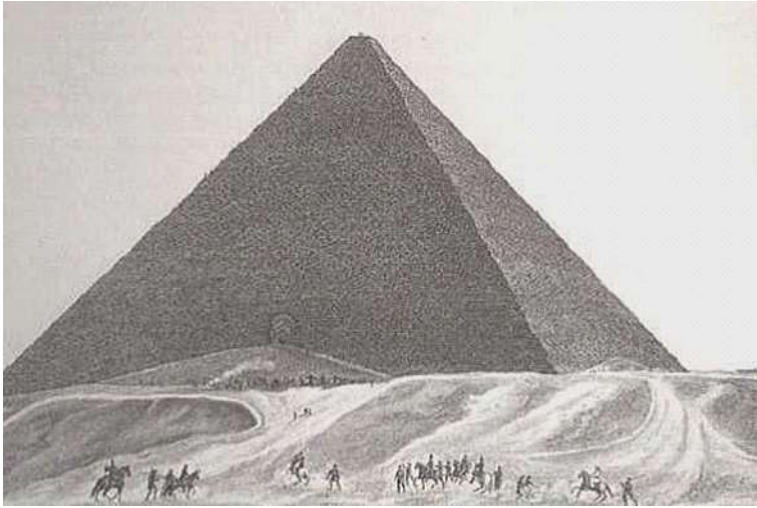


Figure 5. *The Great Pyramid: geographical center of the land surface of the whole world (from "Description de l'Egypte").*

James Fergusson, in his great work, the History of Architecture, describes the Great Pyramid: "Nothing more perfect, mechanically, has ever been erected since that time, ... [1]

Location: Giza, Egypt

Latitude = $29^{\circ} 58' 51''$ North

Longitude = $31^{\circ} 08' 6.48''$ East

The time of the building: about 3200 BC (Alpha *Draconis*, or Thuban, was the pole star about 3200 BC. Alpha *Draconis* was distant 3.69731025° from the true north celestial pole, or 26.30268975° (lower culmination) above horizon of the Giza.

.....
[1] James Fergusson, *History of Architecture, Vol. I, London, 1865, p. 82.*

THE ORIGINAL BASE-BREADTH

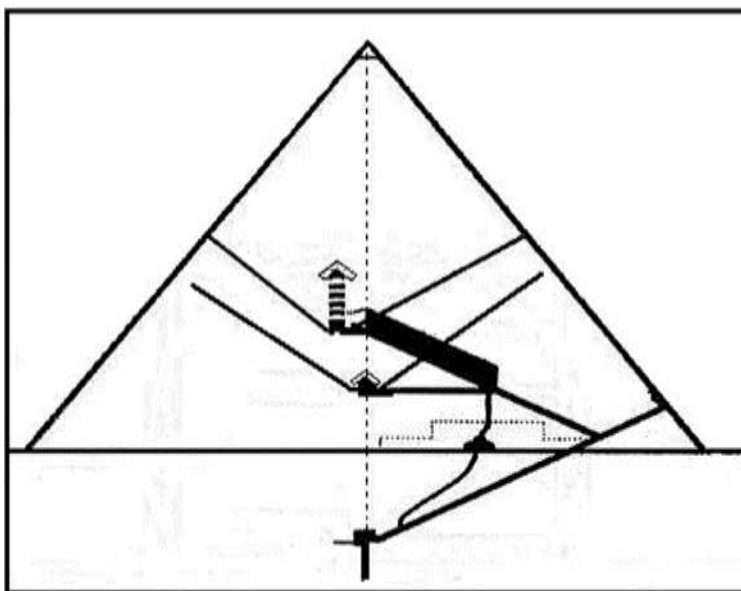


Figure 6. *Cross section of the Great Pyramid.*

"...in 1799, cleared away the hills of sand and debris at the north-east and north-west corners, and reached beneath them the leveled surface of the living rock itself on which the Pyramid was originally founded. There, discovering two rectangular hollows carefully and truly cut into the rock, as if for 'sockets' for the basal corner-stones, the said Academician measured the distance between those socket with much geodesic refinement, and found it to be equal to 763.62 English feet. The same distance being measured thirty-seven years afterwards by Colonel Howard-Vyse, guided by another equally sure direction of the original building, as 763.81 feet, we may take for the present solution of our problem, where a proportion is all that is now required,

the mean, or 763.81 feet, as close enough for a first approximation only to the ancient base-breadth." [1]

"And in 1869, when the Royal Engineers surveyors, returning from the Sinai survey, according to orders, to the Great Pyramid, and announced through their colonel at home, that the mean length of a side of its square base, from socket to socket, was 9130 British inches..." [2]

"Socket Sides:

- North 9129.8 inches
- East **9130.8** inches
- South 9123.9 inches
- West 9119.2 inches" [3]

The original architectural size of the Gr. Pyramid's socket sides = 9131.5 inches. Petrie's measured size (eastern side) = 9130.8 inches. Difference between the original and measured size = 0.25 inches = 0.635 cm = 6.35 mm.

Original base-side socket-length = 365.242 sacred cubits = 9131.05 inches = 231.92867 meters:

$231.92867 \times 2 = 463.85734$ meters: **if a certain object was to travel with a speed of 463.85734 m/sec, for one day it would travel a distance of 40,077.27418 km = length of the Earth's equator.**

.....
[1] Pyazzi Smyth, *The Great Pyramid: Its Secrets and Mysteries Revealed*, London, 1880. New York: Gramercy Books, 1978, p. 36.

[2] *Ib.* p. 38.

[3] W. M. Flinders Petrie, *The Pyramids and Temples of Gizeh*, London, 1883, p. 38.

TWO BASES OF THE GREAT PYRAMID

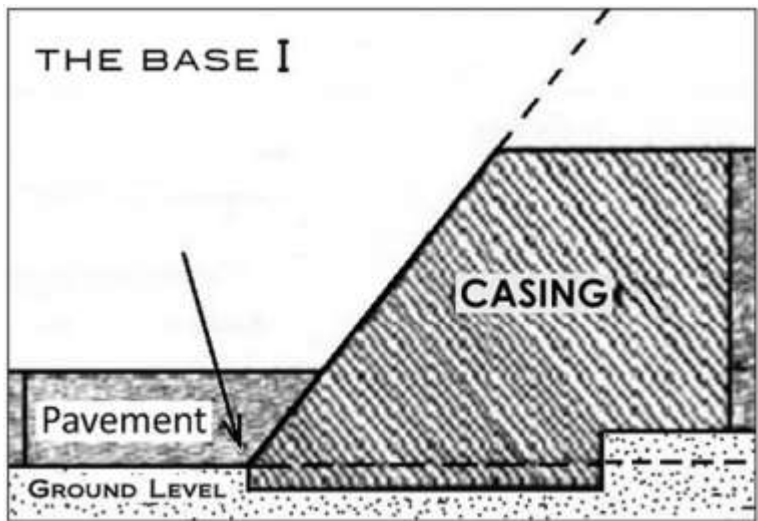


Figure 7. The first base (socket base).

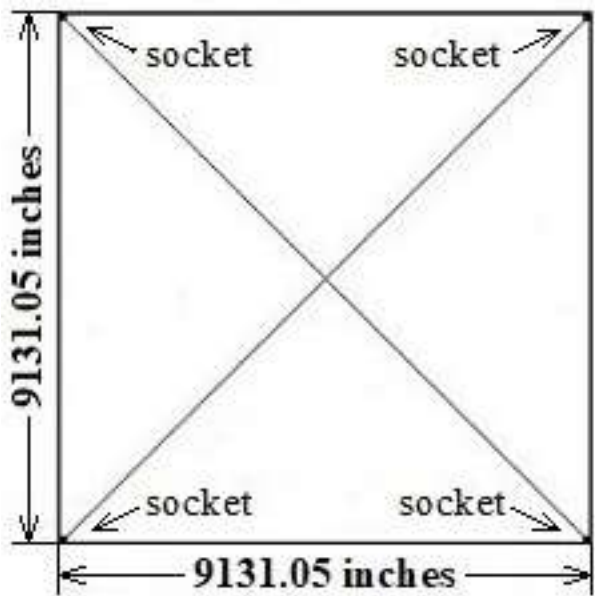


Figure 8. The first base (socket base).

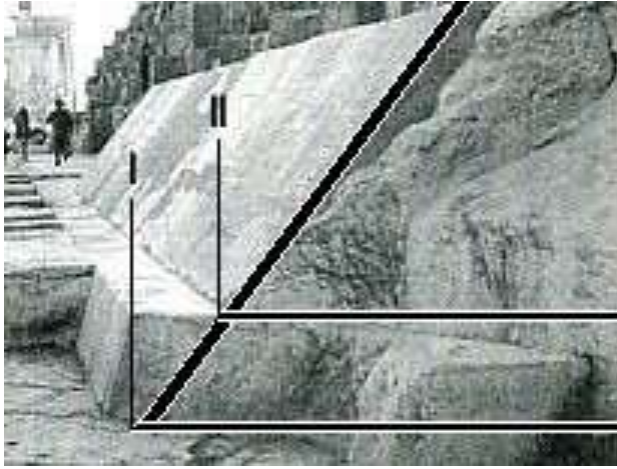


Figure 9. *The first Pyramid's base lies on a natural limestone beneath the pavement (Ground Level).*



Figure 10. *The second base of the Great Pyramid lies on the surface of the pavement.*

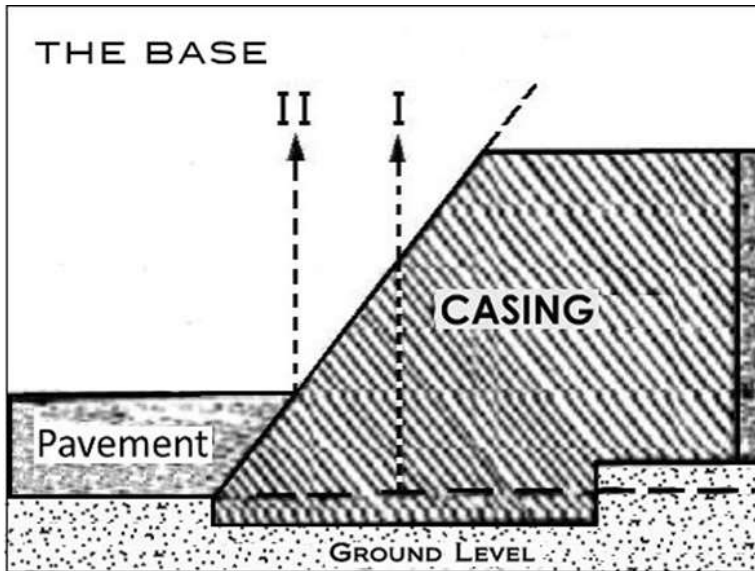


Figure 11. The first (I) and the Second base (II).

Original base-side socket-length (the First base) =
 = 365.242 sacred cubits = 9131.05 inches = 231.92867
 meters:

$231.92867 \times 2 = 463.85734$ meters: *if a certain object
 was to travel with a speed of 463.85734 m/sec, for one
 day it would travel a distance of 40,077.27418 km =
 length of the Earth's equator.*

The original line of the second Pyramid's base is
 going on the surface of the pavement and the length of
 this base is 9072.919882 inches = 756.0766568 feet =
 230.452165 meters:

$230.452165 \times 2 = 460.90433$ meters: *if a certain ob-
 ject was to travel with a speed of 460.90433 m/sec, for
 one day it would travel a distance of 39,822.13411 km
 = the circumference of the Earth's circle in the direction
 north-south (NS, Figure 12).*

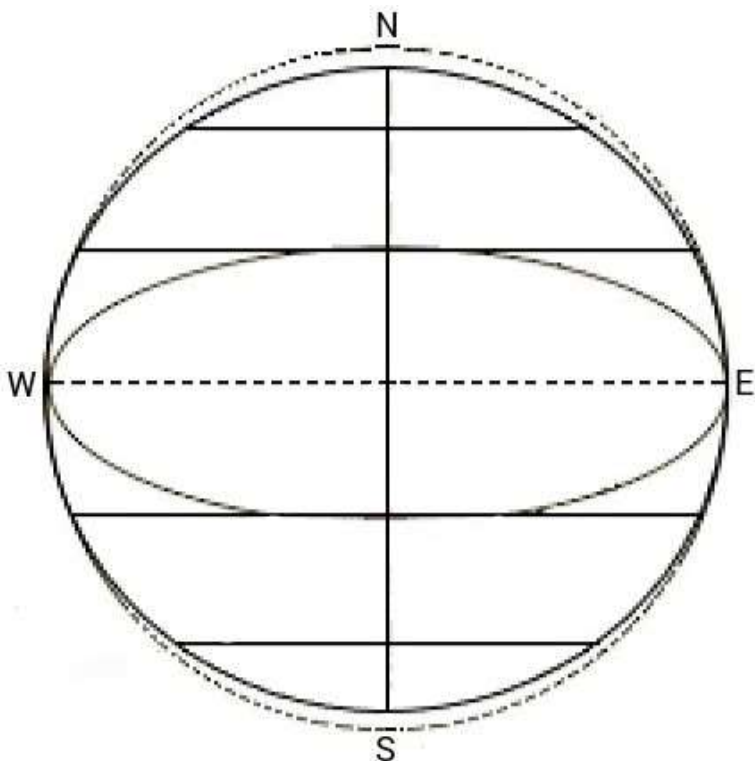


Figure 12. *The meaning of the First base: the extent of the Earth's circle around the equator (0°), and the meaning of the Second base: the extent of the Earth's circle in the direction north-south (NS).*

a) First Pyramid's base: Earth's equatorial diameter 12,757.00336 km = 7926.834387 miles,

b) second Pyramid's base: Earth's diameter in the direction north-south (N-S) = 12,675.78968 km = 7876.370548 miles,

c) The equatorial circumference of the Earth = 40,077.27418 km = 24,902.86364 miles,

d) The Earth's circumference in the direction north-south (NS) = 39,822.13411 km = 24,744.32695 miles.

- $40,077.27418 - 39,822.13411 \text{ km} = 255.14007 \text{ km},$
- $40,077.27418 : 255.14007 = 157.0795167 \text{ km} =$
 $= 50 \times 3.14159 = \mathbf{50 \text{ Pi}}$

The length of the First Pyramid's base is 231.92867 meters.
 The length of the second base is 230.452165 meters:

$$231.92867 - 230.452165 = 1.476505 \text{ m} = 58.13011811 \text{ inches} = 1/100 \text{ of the Pyramid's height.}$$

SACRED CUBIT (AMAH)

This measurement have been preserved in the structure of the Great Pyramid and is mentioned in the Bible:

"This is the foundation which Solomon laid for building the house of God: The length was sixty cubits (by cubits according to the former measure) and the width twenty cubits." (*2 Chronicles 3:3, The New King James Version*).

The Great Pyramid was built using the sacred cubit, the same unit of measure used by Noah, Moses, and King Solomon.

Based upon Josephus' description of the circumference of the pillars of the Temple, the renowned physicist Sir Isaac Newton postulated the length of the sacred cubit to be between 24.90 and 25.02 inches as distinct from the profane cubit of 20.60658189 inches that he believed was the measurement employed by the Egyptians in construction of the Great Pyramid. Newton's calculations are the subject of his "De magnitudine cubiti sacri".

An English translation of that essay titled "A Dissertation Upon the Sacred Cubit of the Jews and the Cubit of Several Nations: in which, from the Dimensions of the Greatest Pyramid, as taken by Mr. John

Greaves, the ancient Cubit of Memphis is determined" was published in the Miscellaneous Works of John Greaves, Professor of Astronomy in the University of Oxford, ed. Thomas Birch, II (London,1737),405-433.

Teshuvot Hatam Sofer* states that the length of a finger width is a "zoll". Since a biblical amah is equal to 24 finger widths, the length of an amah (sacred cubit) according to Hatam Sofer equals 24 zoll.

1 zoll (Germany) = 1.03700787402 inches
 24 zoll = 24.88818897 inches (25 inches)

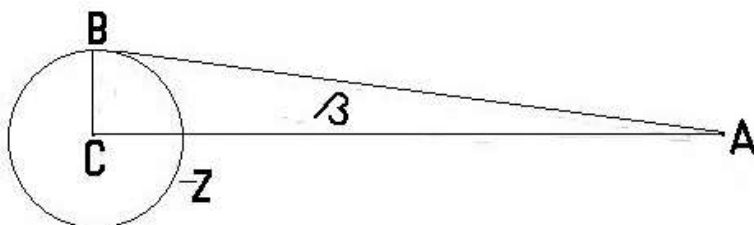


Figure 13.

From the top of the atmosphere, the Sun appears as a very bright disk with an approximate angular diameter of 0.53289386 degrees (the actual diameter varies by a small amount as the Earth-Sun distance varies) surrounded by a completely black sky (apart from the light coming from stars and planets). This angle can be determined from the distance between the Earth and the Sun and the Sun's visible diameter. A point at the top of the Earth's atmosphere intercepts a cone of light from the hemisphere of the Sun facing the Earth with a total angle of 0.53289386 degrees at the apex and a divergence angle from the center of the disk of 0.26644693 degree (β = half the apex angle, yearly average).

- **AC** = 1 SC = 25 inches = 63.5 cm,
- Angle β = 0.26644694° (the Sun's observation angle),

- Tangent $\beta = 0.00465041$

$63.5 \text{ cm} \times 0.00465041 = 0.295301035 = 2 \times 0.147650517 \text{ cm} = 100,000^{\text{th}}$ of the Pyramid height.

• The distance from the Earth to the Sun =
 $= 149,597,870 \text{ km} = 1 \text{ Astronomical Unit (1AU)} = \text{ES}$
(Figure 14).

- Radius of the Sun (R) = 695,691.4306 km,
- Angle $\beta = 0.26644694^\circ$ (the Sun's observation angle),
- Tangent $\beta = 0.00465041$
- Earth's equator (length) = 40,077.27418 km,
- Equator = circle = $360^\circ = 21,600$ minutes

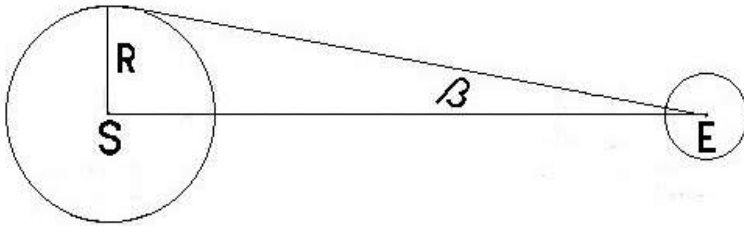


Figure 14.

$40,077.27418 : 21,600 = 1.85542936 \text{ km} = 1 \text{ minute (1')} \text{ of the equatorial latitude.}$

- Circle **Z** (*Figure 13*) = 1.85542936 cm,
- Radius (R) of the Circle **Z** = 0.295301035 cm:

$0.295301035 : 2 = 0.147650517 \text{ cm} = 100,000^{\text{th}}$ part of the Great Pyramid's height.

$0.295301035 : 63.5 = 0.00465041 = \text{tangent } \beta.$

Distance from the Earth to the Sun = 149,597,870 km = **SE**:

$149,597,870 \times 0.004650409 = 695,691.4306 \text{ km} = \text{radius of the Sun (R, Figure 15).}$

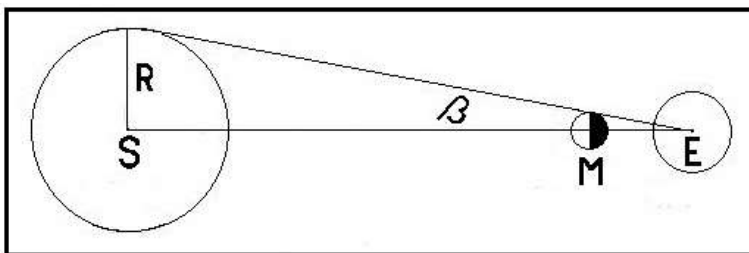


Figure 15. *The Sun's observation angle (β).*

- Radius of the Moon = 1738 km,
- Tangent $\beta = 0.004650409$

$1738 : 0.004650409 = 373,730.4883 \text{ km} = \text{mean distance from the Earth to the Moon.}$

Four sides of the Pyramid's base = $4 \times 365.242 = 1460.968$ sacred cubits:

$1460.968 : 0.00465041 = 314,159 \text{ SC} = 100,000 \times 3.14159 = \mathbf{100,000 \text{ Pi.}}$

Amah = sacred cubit ("Amah" or "Hamah") is one of the three Hebrew words for the Sun).

.....
** Moses Schreiber (1762 - 1839), known to his own community and Jewish posterity as Moshe Sofer, also known by his main work Hatam (Chasam) Sofer (Seal of the Scribe and acronym for Chidushei Toras Moshe Sofer).*

THE SUN AND THE SOLOMON'S TEMPLE

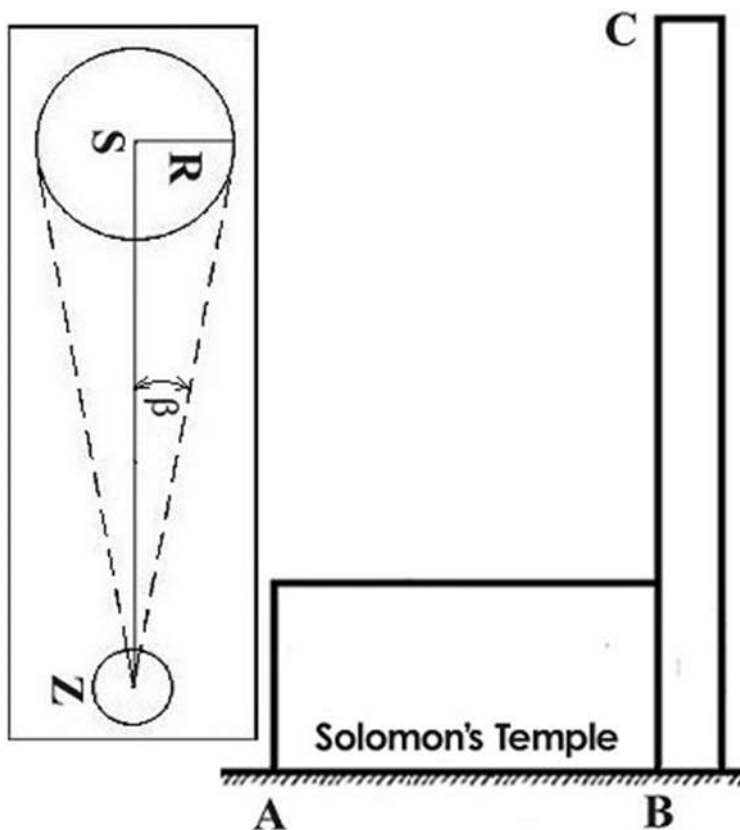


Figure 16.

"And thus Solomon began to build the house of God: the length in cubits - even the first measurement from end to end, was sixty cubits, and the breadth twenty cubits. And the portico in front of the house, its length in front of the breadth of the house was twenty cubits, and its height a hundred and twenty cubits." (2 Chronicle, 2:3)

- Height of the Solomon's temple (portico) = 120 sacred cubits = 7620 cm = **BC** (Figure 16),
- Tangent of the angle β = 0.00465041,
- Height of the Great Pyramid = 14,765.05019 cm:

Height of the portico of the Solomon's temple = 7620 cm = **BC** (Figure 16).

$$7620 \times 0.00465041 = 35.4361242 \text{ cm}$$

$35.4361242 \times 10 = 354.361242$ = in days this is the symbol of the duration of the lunar year (about 8 minutes and 22.33 seconds shorter than astronomical accuracy).

$$35.4361242 \times 18,000,000 = 6378.502356 \text{ km} = \text{Earth's equatorial radius.}$$

$$\text{Earth's equatorial diameter} = 12,757.00336 \text{ km} = 1,275,700,336 \text{ cm:}$$

$$35.4361242 \times 36,000,000 = 12,757.00471 = \text{Earth's equatorial diameter}$$

With the speed of 35.4361242 cm/sec, traveling at a speed of 3 km /sec, one object will pass the length of 127,570.0471 cm = 1.275700471 km= 10.000th part of the Earth's equatorial diameter (equatorial diameter is exactly 12,757.00336 km)

EARTH, SOLOMON'S TEMPLE AND THE PYRAMID

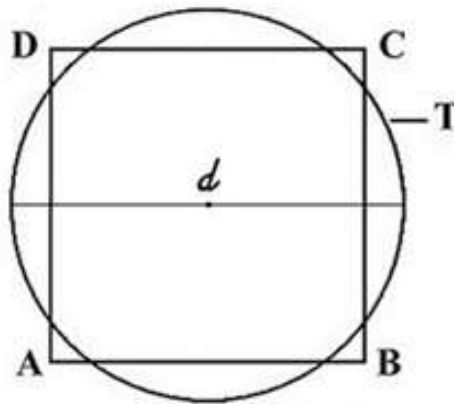


Figure 17. *Geometry of the Earth.*

- Earth's Equator = 40,077.27418 km;
- Equatorial diameter of the Earth = 12,757.00336 km = **d**;

- Area of the Circle **T** = 127,816,480.3 km² = area of the square **ABCD**A:

$$\mathbf{AB} = 11,305.59509 \text{ km} = 1,130,559,509 \text{ cm}$$

Solomon's Temple (measurements in sacred cubits "cubit of the old standard"):

- Portal (high) 120 sacred cubits (SC)
- Length 60 SC
- Height 30 SC
- Width 20 SC

The numbers of the Temple are the Code:

a) 1,130,559,509 : **120** = 9,421,329.241 cm,

b) 9,421,329.241 : **60** = 157,022.154 cm,

c) 157,022.154 : **30** = 5,234.071801 cm =
= 2,060.658189 inches,

d) 2,060.658189 : **20** = 103.0329095 inches,

- Earth's Equator = 40,077.27418 km;
- Equatorial diameter of the Earth = 12,757.00336 km = **d**;

- Area of the Circle **T** = 127,816,480.3 km² = area of the square **ABCD**A:

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- b) $9,421,329.241 : 60 = 157,022.154 \text{ cm},$
- c) $157,022.154 : 30 = 5,234.071801 \text{ cm} =$
 $= 2,060.658189 \text{ inches},$
- d) $2,060.658189 : 20 = 103.0329095 \text{ inches},$
- e) $103.0329095 \times 2 = 206.0658189 \text{ inches} = \text{width of the King's Chamber}.$

The height of the Great Pyramid = 5813.011886 inches:

$$(5813.011886 : 100) \times 120 \times 60 \times 30 \times 20 =$$

$$= 251,122,113.5 \text{ inches} = 6378.501682 \text{ km} =$$

$$= \text{equatorial radius of the Earth}.$$

Length of the Antechamber = 116.2602377 inches = 2 x 58.13011886

$116.2602377 \times 120 \times 60 \times 30 \times 20 = 50,2244,226.9$
inches = 12,757.00336 km = equatorial diameter of the Earth.

$116.2602377 \times 3.14159 = 365.242 \text{ inches}:$

$365.242 \times 120 \times 60 \times 30 \times 20 = 1,577,845,440 \text{ inches}$
 $= 40,077.27418 \text{ km} = \text{the length of Earth's equator}.$

JACHIN AND BOAZ

"Now King Solomon invited and received Hiram from Tyre. He was the son of a widow of the tribe of Naph-tali, whose father, a man of Tyre, had been an artisan in bronze; he was full of skill, intelligence, and know-ledge in working bronze. He came to King Solomon, and did all his work. He cast two pillars of bronze. Eighteen cubits was the height of one, and a cord of twelve cubits would encircle it; the second pillar was the same. He also made two capitals of cast bronze, to set on the tops of the pillars; the height of one capital

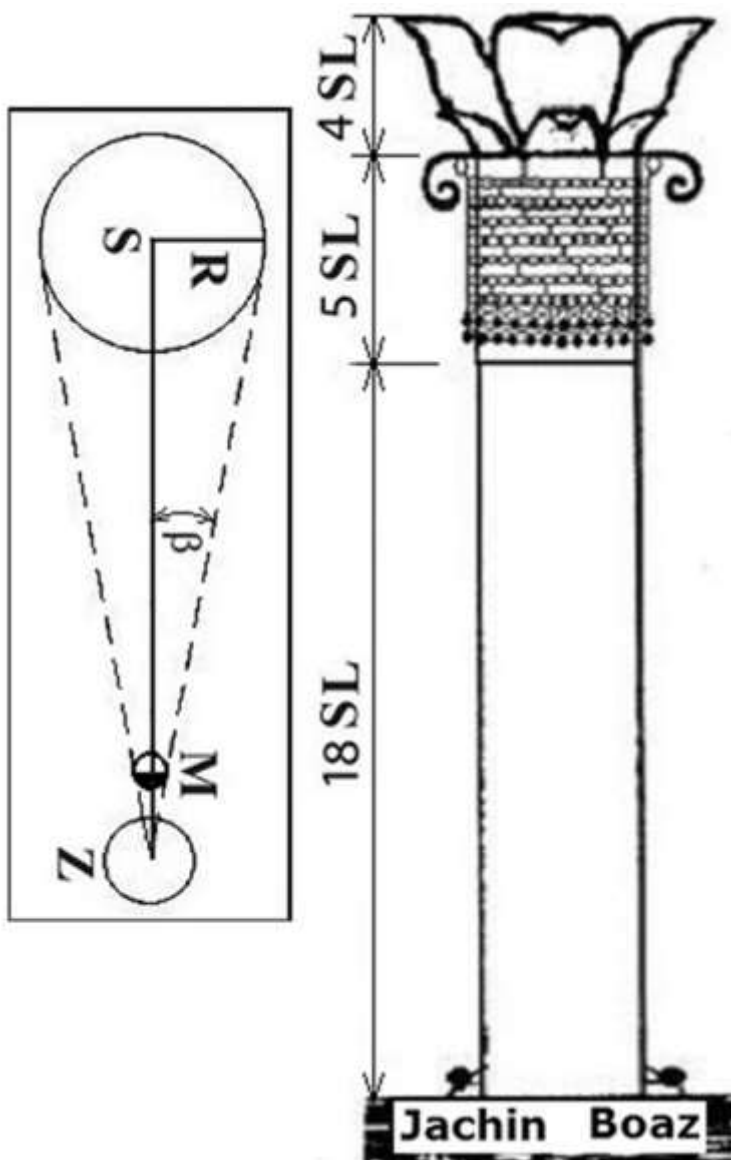


Figure 18. *The Earth, the Moon, the Sun and the pillars of the Solomon's Temple.*

was five cubits. There were nets of chequer-work with wreaths of chain-work for the capitals on the tops of the

pillars; seven for one capital, and seven for the other capital.

He made the columns with two rows round each lattice-work to cover the capitals that were above the pomegranates; he did the same with the other capital. Now the capitals that were on the tops of the pillars in the vestibule were of lily-work, four cubits high. The capitals were on the two pillars and also above the rounded projection that was beside the lattice-work; there were two hundred pomegranates in rows all round; and so with the other capital.

He set up the pillars at the vestibule of the temple; he set up the pillar on the south and called it Jachin; and he set up the pillar on the north and called it Boaz. On the tops of the pillars was lily-work. Thus the work of the pillars was finished." (*1 King's, 7:13-22*)

Boaz and Jachin, two pillars, stood in the porch of Solomon's Temple:

- Height of the pillars = 27 SC each = 1714.5 cm,
- Two pillars together = 54 SC = 3429 cm,
- Tangent of the angle β = 0.00465041

$$3429 \times 0.00465041 = 15.94625589 \text{ cm}$$

$$4 \times 15.94625589 = 63.78502356 \text{ cm} = 10,000,000^{\text{th}} \text{ part of the Earth's equatorial radius.}$$

$$15.94625589 \times 40,000,000 = 6378.50984 \text{ km} = \text{equatorial radius of the Earth (according to the Great Pyramid, the Earth's equatorial radius is 6378.6378.50168 km).}$$

SOLOMON'S SEA

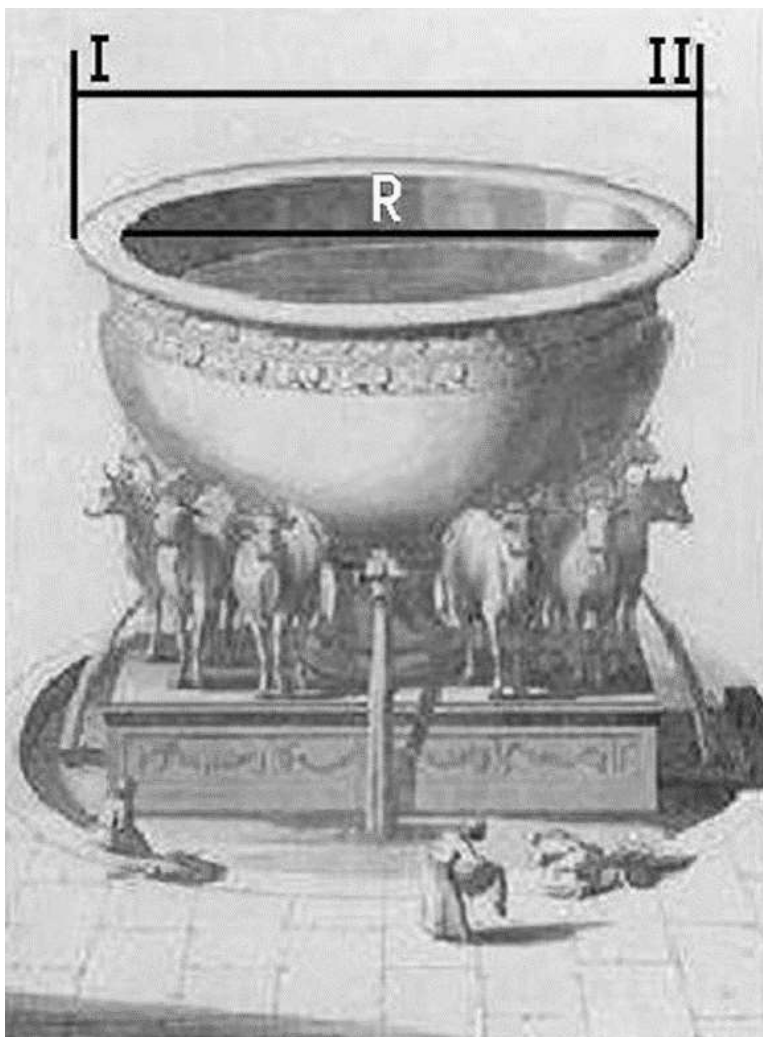


Figure 19. *The Solomon's Sea (The Molten Sea or Brazen Sea).*

"Then he made the molten sea; it was round, ten cubits from brim to brim, and five cubits high, and a line of thirty cubits measured its circumference. Under

it were figures of gourds, for thirty cubits, compassing the sea round about; the gourds were in two rows, cast with it when it was cast. It stood upon twelve oxen, three facing north, three facing west, three facing south, and three facing east; the sea was set upon them, and all their hinder parts were inward."

(2 Chronicle, 4: 2-4)

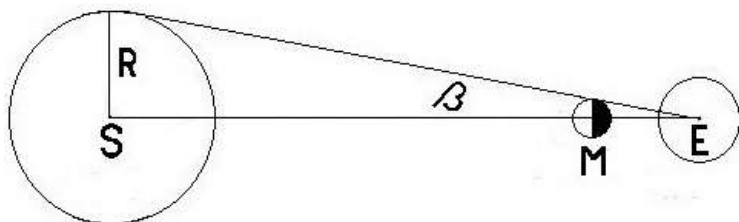


Figure 20. The Sun's Parallax (β) and The Earth (E), the Moon (M) and the Sun (S).

The first diameter of the Sea (from edge to edge: I - II, Figure 19) = 10 sacred cubits = 635 cm:

- $635 \times 3.14159 = 1994.90965$ cm,
- Tangent of the angle $\beta = 0.00465041$,

$1994.90965 \times 0.00465041 = 9.27714778$ cm:

$9.277147785 : 4 = 2.31928694$ cm (one side of the Pyramid's base = 231.92867 meters).

12 bulls = 12 parts:

$9.27714778 : 12 = 0.773095648$ cm: if an object is moving at speed of 0.773095648 cm/sec, for one minute it will cross 46.38573893 cm: two sides of the Pyramid's base = 46,385.734 cm = speed of the Earth's rotation around own axis (463.85734 m/sec).

Circumference of the Sea (diameter R, Figure 19) = 30 sacred cubits = 1905 cm: $1905 \times 0.00465041 =$

= 8.85903105 cm: *if a certain object was to travel with a speed of 8.85903105 cm/min, for 24 hours it would travel a distance of 12,757.00471 cm = equatorial diameter of the Earth = 12,757.00336 km.*

Circumference around the edge of the Sea (I - II, Figure 19) = 30 sacred cubits = 1905 cm:

30 : 3.14159 = 9.549304651 sacred cubits =
= 606.3808454 cm

- $606.3808454 \times 0.00465041 (\tan \beta) = 2.819919547$ cm: *if a certain object was to travel with a speed of 2.819919547 cm/min, for one day it would travel a distance of 4060.684148 cm.*

Tangent of the angle of King's Chamber north air-channel = 0.63662031

$4060.684148 : 0.63662031 = 6378.502357$ cm (equatorial radius of the Earth = 6378.50168 km).

$4060.684148 \times 3.14159 = 12,757.00471$ cm (Earth's equatorial diameter = 12,757.00336 km).

- Distance from rim to rim = 10 sacred cubits = 635 cm,

- tangent of the angle β (Figure 20) = 0.00465041

$635 \times \mathbf{0.00465041} = 2.953010035$ cm = 1.1626025 inches = **0.0465041** sacred cubits = 5000th part of the height of the Pyramid (let's compare with $\tan \beta$).

Height of the Solomon's sea = 5 sacred cubits = 317.5 cm = 0.003175 km: *if a certain object was to travel with a speed of 0.003175 km/sec, for 1 yea, or 365.242 days, it would travel a distance of 100,193.1845 km:*

$100,193.1845 : 3.14159 = 31,892.503809$ km,
 $31,892.5080 : 5 = 6378.501619$ km = equatorial radius of the Earth.

• $1/10$ of the Pyramid height = 23.25204754 sacred cubits: *if a certain object was to travel with a speed of 0.003175 km/sec, for 23.25204754 days it would travel a distance of 6378.501682 km = equatorial radius of the Earth.*

SACRED CUBIT AND ROYAL CUBIT

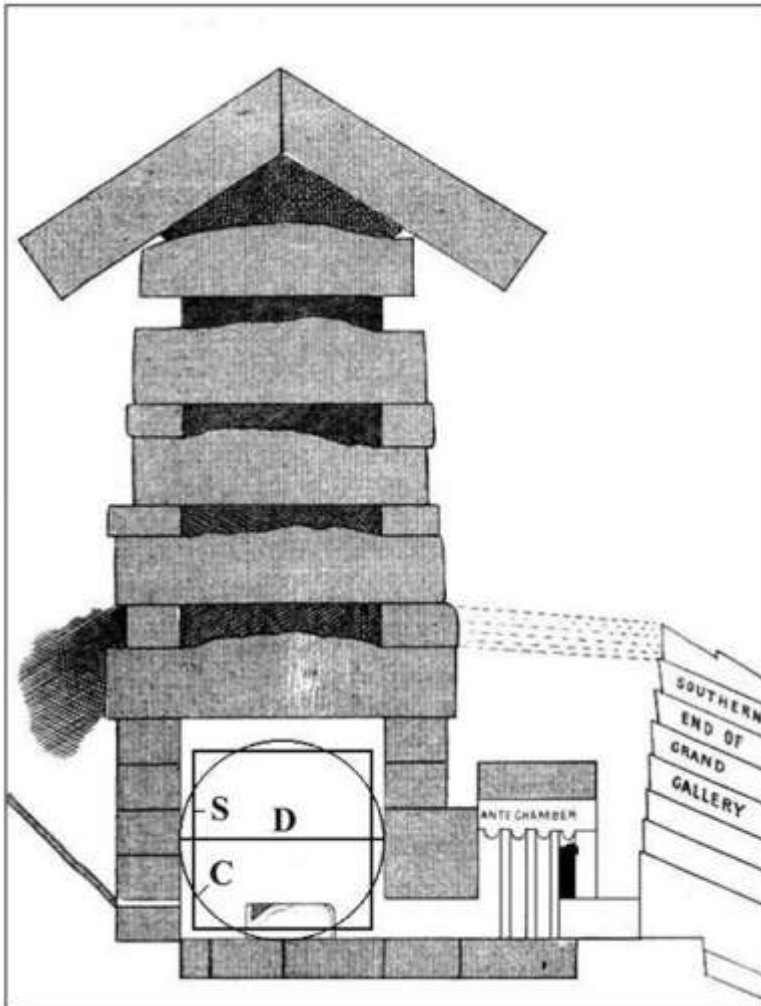


Figure 21. *The King's Chamber.*

- Sacred cubit = 25 inches = 63.5 cm,
- Royal cubit ("profane" cubit) = 20.60658189 inches,
- Width of the Kings Chamber = 10 royal cubits =
= 206.0658189 inches = **D** (Figure 21).

Area of the circle **C** (Figure 21) = 33,350.42964 square inches = area of the square **S**. One side of the square **S** = 182.621 inches = 7.30484 sacred cubits:

$7.30484 \times 50 = 365.242$ sacred cubits = 9131.05 inches = length of the first base of the Pyramid (Figure 8, page 14): *if a certain object was to travel with a speed of 182.621 inches/sec, for one day it would travel a distance of 15,778,454.4 inches = 400.7727418 km = 100th part of the Earth's equator.*

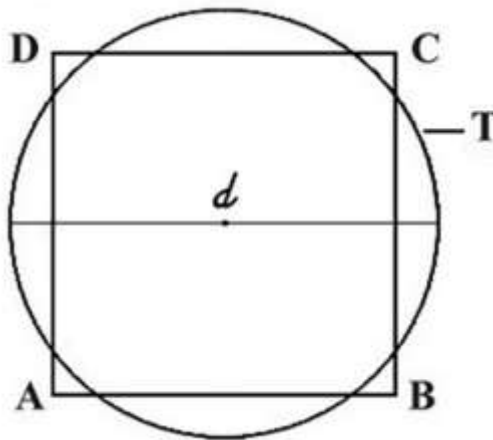


Figure 22.

The length of the first base of the Pyramid = 9131.05 inches = **AB** (Figure 22). Area of the square **ABCD** = 83,376,074.1 square inches = surface area of the Circle **T** (Figure 22): **d** = 10,303.29095 inches = 500 royal cubits = 50 widths of the King's Chamber, or 25 lengths of the King's Chamber.

- Sacred cubit = 25 inches = 63.5 cm,
- 1 year = 365.242 days,
- Pi = 3.14159

365.242 : 3.14159 = 116.2602377 days = diameter of the year's circle: *if a certain object was to travel with a speed of 63.5 cm/sec, for 116.2602377 days it would travel a distance of 6378.501681 km = equatorial radius of the Earth.*

• Height of the Great Pyramid = 232.5204754 SC: *if a certain object was to travel with a speed of 63.5 cm/sec, for 232.5204754 days it would travel a distance of 12,757.00336 km = equatorial diameter of the Earth.*

• Length of the Earth's equator = 40,077.27418 km: *if a certain object was to travel with a speed of 63.5 cm/sec, for 365.242 days it would travel a distance of 20,038.63709 km = 1/2 of the length of the Earth's equator.*

IMPERIAL MEASUREMENTS OF LENGTHS

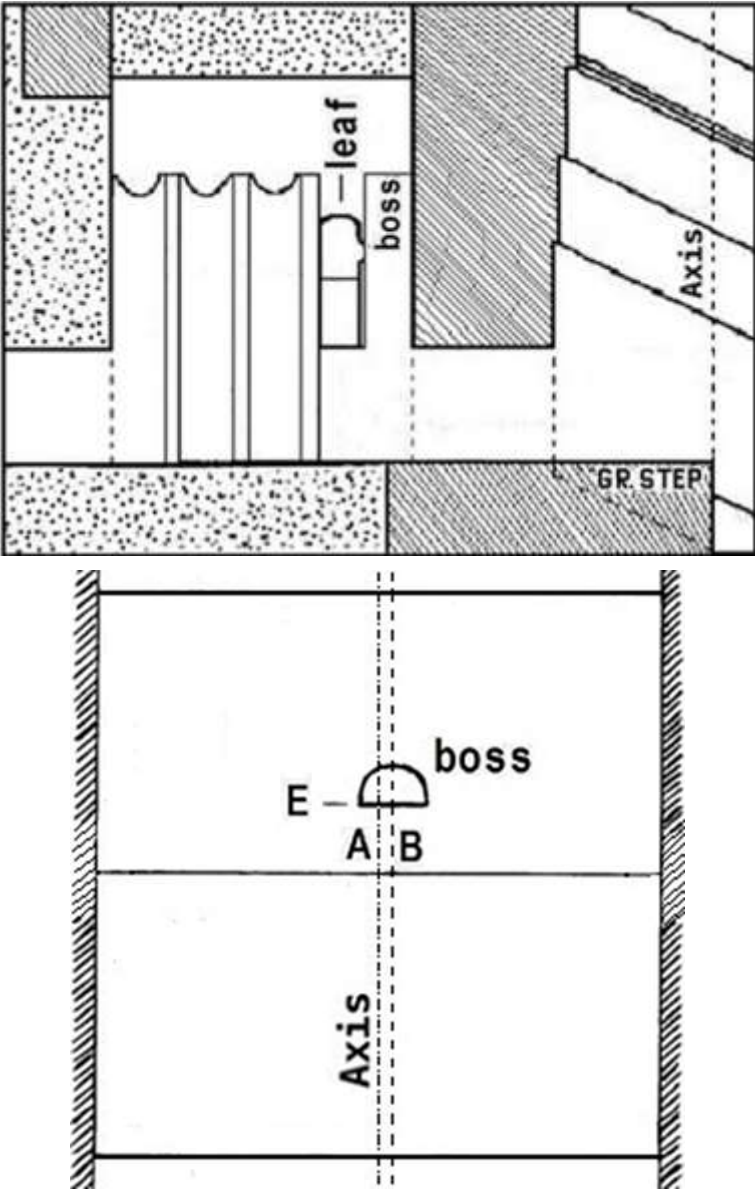


Figure 23. Antechamber, Granite Leaf and the Boss (Seal).

A = Axis of the Antechamber passage (*Figure 23*)

B = Axis (center) of the Boss

AB = 0.04 sacred cubits = 1 inch

0.04 : 2 = **0.02 sacred cubits** = **0.5 inches**: *if a certain object was to travel with a speed of 0.5 inches/sec, for one day it would travel a distance of 43,200 inches = 10 skeins = 1097.28 meters.*

• 0.02 x 24 = 0.48 sacred cubits = 12 inches = 30.48 cm = 1 foot,

• 3 feet = 1.44 SC = 36 inches = 1 yard,

1 yard = 36 inches:

• 36 : 4 = 9 inches = 1 span

• 2 spans = 18 inches = 1 imperial cubit

Conclusion: 66 feet = 44 imperial cubits = 88 spans = 1 standard chain = 3520 imperial cubits = 1760 yards = 1 mile.

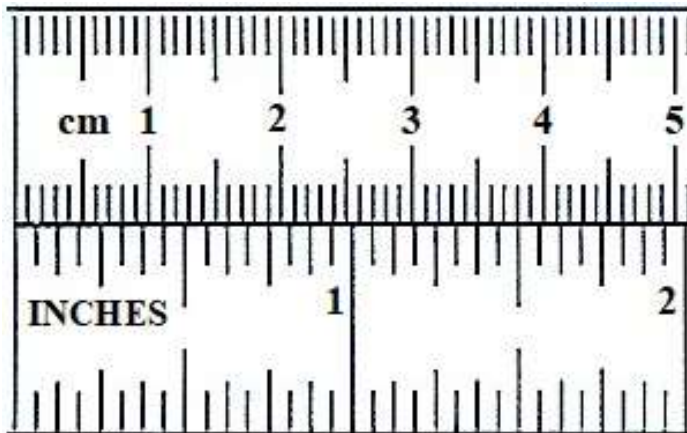


Figure 24. 1 inch = 2.54 cm (*the drawing is not in the right proportion*).

THE PYRAMID, SACRED CUBIT AND NOAH'S ARK

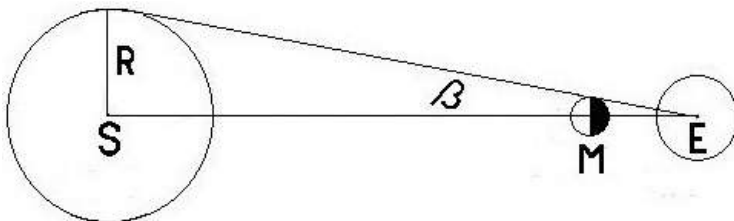


Figure 25. *The Sun's Parallax (β) and The Earth (E), the Moon (M) and the Sun (S).*

- Tangent $\beta = 0.00465041$
- Height of the Great Pyramid = 14,765.05019 cm,
- Length of the Noah's Ark = 300 SC = 19,050 cm

$19,050 \times 0.00465041 = 88.5903105$ cm: *if a certain object was to travel with a speed of 1.476505019 cm/sec, for one minute it would travel a distance of 88.5903105 cm.*

- Width of the Ark = 50 sacred cubits = 3175 cm:

$3175 \times 0.00465041 = 14.76505175$ cm = 1000th part of the Great Pyramid.

- Width of the Ark = 50 sacred cubits = 3175 cm:

$3175 \times 0.00465041 = 14.76505175$ cm = 1000th part of the Pyramid height.

1 skein = 120 yards = 109.728 meters: *if a certain object was to travel with the speed of two SC/sec (127 cm/sec), for one day he would travel 172,800 SC = 109.728 km or 1.000 skeins. For one year of 365.242 days he would travel around the planet Earth. That is: he would travel the length of the Earth's equator: 40,077.27418 km.*

$40,077.27418 \times 109.728 = 4,397,599.141$ km: circumference of the Sun around the equator.

THE EARTH AND NOAH'S ARK

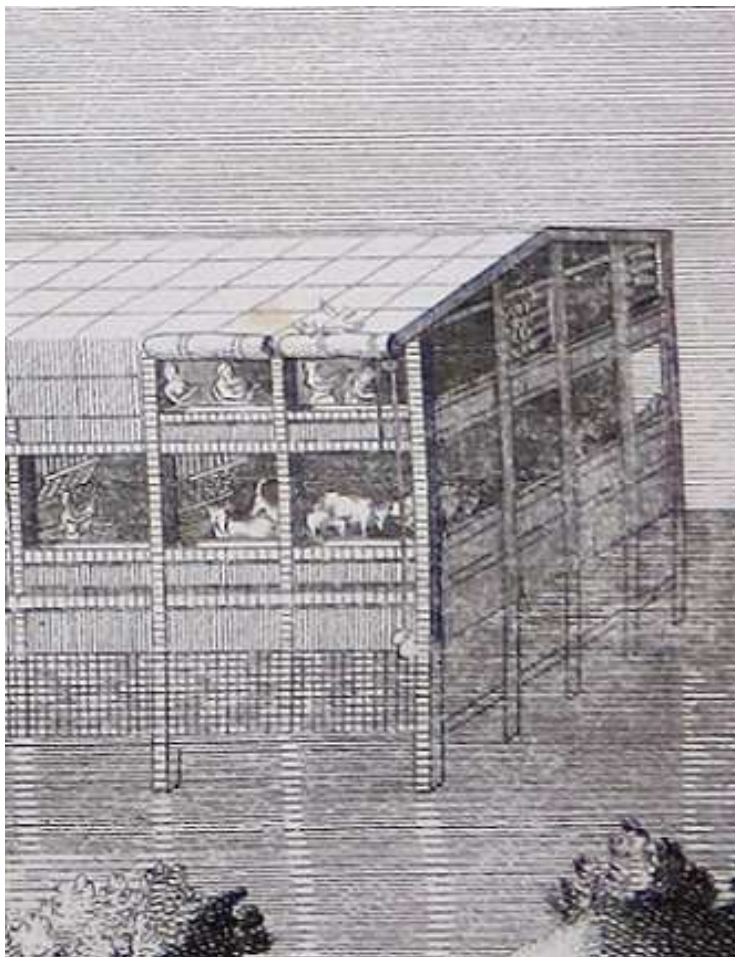


Figure 26. *Noah's Ark (detail).*

"And God said to Noah, I have determined to make an end of all flesh, for the earth is filled with violence because of them; now I am going to destroy them along with the earth. Make yourself an ark of cypress* wood; make rooms in the ark, and cover it inside and out with pitch.

This is how you are to make it: the length of the ark three hundred cubits, its width fifty cubits, and its height thirty cubits.

Make a roof for the ark, and finish it to a cubit above; and put the door of the ark in its side; make it with lower, second, and third decks.

For my part, I am going to bring a flood of waters on the earth, to destroy from under heaven all flesh in which is the breath of life; everything that is on the earth shall die. "(Gen.6:14-17)

The volume of all these measurements with the roof part of the Ark is 7,148,437,500 cubic inches = 117,141,987.5 liters. Specific gravity of cypress wood is 0.51 g/cm³: 117,141,987.5 x 0.51 = 59,742,413.6 kg Earth weights:

59,742,413,600,000,000,000,000,000 kg.

According to the Great Pyramid the mean size of Earth is 40,017.93119 km, and its mean volume gives 1,082,215,220,000 km³. With the weight of Earth which Noah's ark shows, and according to the mean size of the Earth, we get the specific weight of the Earth to be 5.520381944 g/cm³.

.....
* Greek word for cypress is 'kuparisson', and the resemblance of this word's base 'kupa' to the Hebrew word 'gophar' (Cupressus, Latin).

ARK OF THE COVENANT AND PYRAMID'S COFFER



Figure 27. The Pyramid's Coffin (h = volume of the Ark of covenant).



Figure 28. The Ark of the covenant.

The Lord said to Moses:

"They shall make an ark of acacia wood; it shall be two and a half cubits long, a cubit and a half wide, and a cubit and a half high. You shall overlay it with pure gold, inside and outside you shall overlay it, and you shall make a moulding of gold upon it all round."

(Exod. 25:10-22)

Ark of covenant:

- Length = 2.5 (sacred) cubits = 62.5 inches = 158.75 cm,
- Width = 1.5 (sacred) cubits = 37.5 inches = 95.25 cm,
- Height = 1.5 (sacred) cubits = 37.5 inches = 95.25 cm,

Volume: 87,890.625 cubic inches = 1440.269297 liters

Pyramid's Coffin:

- Length = 89.8055812 inches,
- Breadth = 38.50236153 inches,
- Height = 41.21316378 inches,

Volume: 142,503.8674 cubic inches = 2335.225124 liters.

- Number **Phi** (Golden ratio, ϕ) = 1.618033988

$1440.272461 \times 1.618033988 = 2330.409794$ liters
(only 4.8133 liters less than in the Pyramid's Coffin).

THE ENTRANCE AXIS

- **A** = Pyramid's main north-south axis (*Figure 29*)
- **A1** = axis of the Entrance

Distance **A1** - **A** = 286.4690182 inches: 1° of the latitude when measured on the surface of the Earth is equal to approximately 111 km (circumference of the Earth divided by 360° , i.e., $40,000 \text{ km}/360 = 111 \text{ km}$).

On the curved Earth's surface 286.4690182° is 31,798.06102 km:

- $31,798.06102 : 5 = 6359.612204 \text{ km}$,
- $6359.612204 \times 2 = 12,719.22441 \text{ km}$,
- $12,719.22441 \times 3.14159 = 39,958.58821 \text{ km}$ = the size of the Earth's circle in the north-south direction (24,829.11559 miles).

Measurements:

- **AA1** = 286.4690182 inches
- **A1E** = 840.5492553 inches
- **A1C** = 681 inches
- **A1A2** = 1162.602377 inches (vertical height of the 35th course above the base of the Pyramid).

Angle **A1B1E** = angle of the Pyramid ascent =
= 51.85399754°

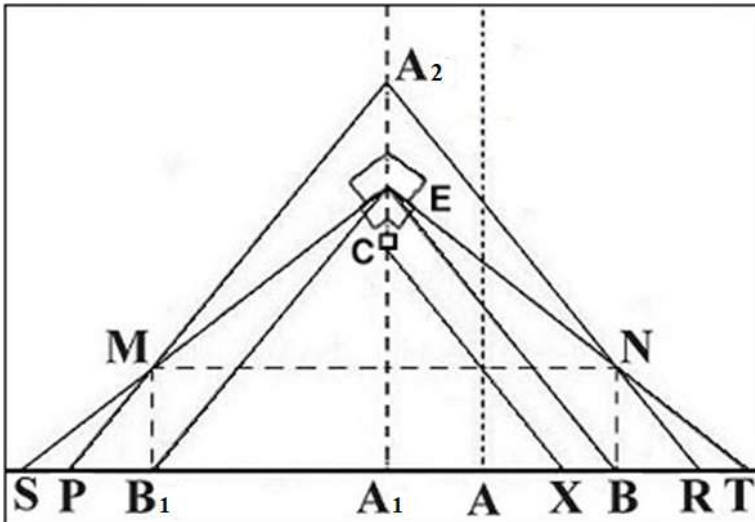


Figure 29. The Entrance axis (**A1**) is 286.4690182 inches away from the main axis (**A**).

- Angle **A1ES** = 51.85399754°
- Angle **A1PA2** = 51.85399754°
- **B1A1** = 660.1652833 inches
- **A1P** = 913.105 inches (10th part of the length of the Pyramid's base).
- **ES** = 1068.803655 inches
- **B1M** = **BN** = 322.0560749 inches

The entrance axis is distanced away from the Pyramid axis by 286.4690182 inches.

A1A2 = 1162.602377 inches = 2953.010038 cm: *if a certain object was to travel for one day with a speed of 2953.010038 cm/sec, it would travel a distance of 2551.400672 km:*

$2551.400672 \times 3.14159 = 8015.454839 \text{ km} = 5^{\text{th}}$ part of the of the Earth's Equator.

PR = 1826.21 inches = 4638.5734 cm: *if a certain object was to travel 24 hours (1 day) with a speed of 4638.5734 cm/sec, it would travel a distance of 4007.727418 km = 10th part of the Equator.*

The entrance axis is distanced away from the Pyramid axis by 286.4690182 inches:

$286.4690182 \times 2 = 572.9380364 \text{ inches} =$
 $= 1455.262612 \text{ cm:}$

$1455.262612 \times 3.14159 = 4571.838471 \text{ cm:}$ *if a certain object was to travel 24 hours (1 day) with a speed of 4571.838471 cm/sec, it would travel a distance 3950.068439 km.*

Equatorial diameter of the Earth = 40,077.27418 km:

$40,077.27418 : 3950.068438 = 10.14596957$

$1455.262612 \times 10.14596957 = 14,765.05018 \text{ cm} =$
 $= 5813.011881 \text{ inches} = 232.5204752 \text{ sacred cubits}$
 $= \text{height of the Great Pyramid.}$

TWO PYRAMID BASE

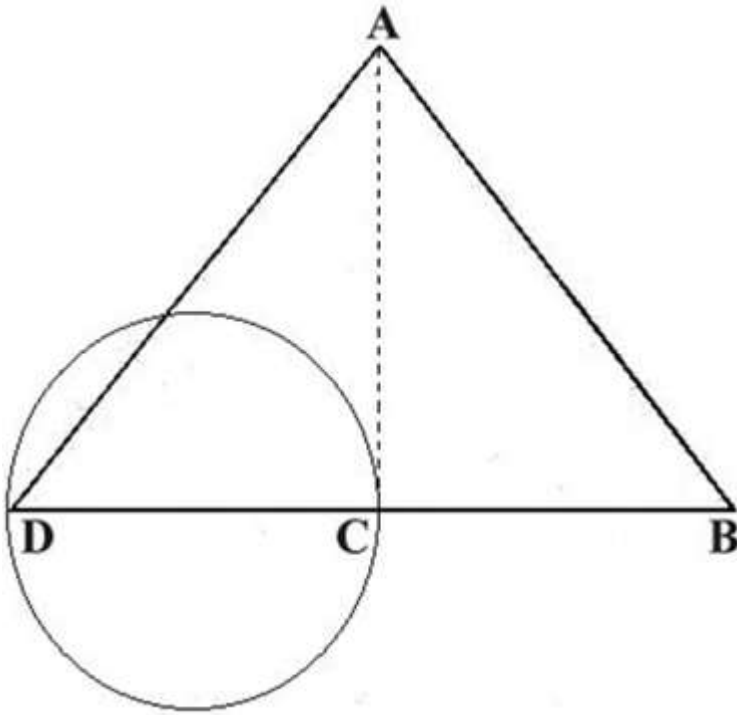


Figure 30. Pyramid's base.

DC = 182.621 sacred cubits = 4565.525 inches =
= 11,596.4335 cm

$11,596.4335 \times 3.14159 = 0.3643123952$ km = circumference of the Circle (Figure 30).

- The Pyramid's angle of slope = 51.85399754°
- Tangent $51.85399754^\circ = 1.273240621$

$0.3643123952 \times 1.273240621 = 0.46385734$ km =
= **2DB**: if a certain object was to travel with a speed of 0.46385734 km/sec, for 24 hours it would travel a distance of 40,077.27418 km = length of the Earth's equator.

$0.46385734 : 3.14159 = 0.1476505019$ km = **CA**

THE PYRAMID PASSAGES

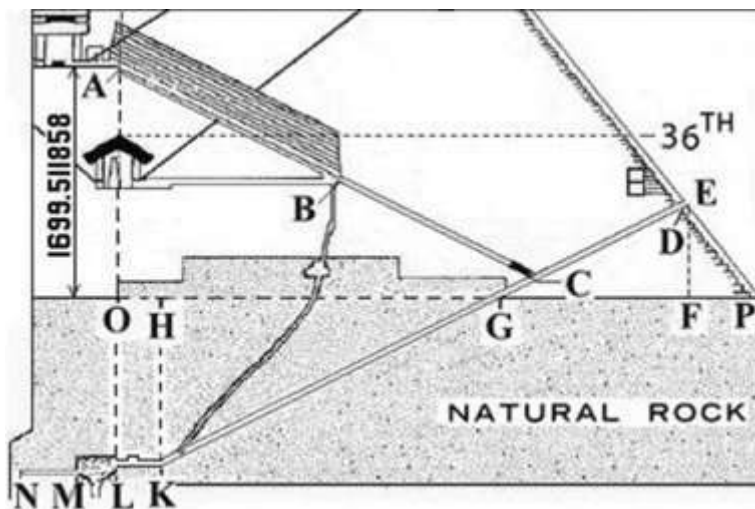


Figure 31. *The Great Pyramid passages.*

Angle of ascent: 26.3026897°

E = original Northern beginning of this passage.

Measures in inches:

- **OH** = 300.864177
- **HG** = 2352.069166
- **GF** = 1377.73596
- **FP** = 534.8556972

.....
Total: 4565.525 inches = 1/2 of the Pyramid base.

- **AB** = 1812.221271
- **BC** = 1544.514258
- **CG** = 397.4103112

ABCG = 3754.14584 inches

- **HK** = 1162.602377

- **EF** = 681
- **GE** = 1536.853077
- **KG** = 2623.713715
- **LK** = 300.864177
- **ML** = 325
- **NM** = 645.524156

NMLKGCDE = 5431.955125 inches

THE DESCENDING PASSAGE

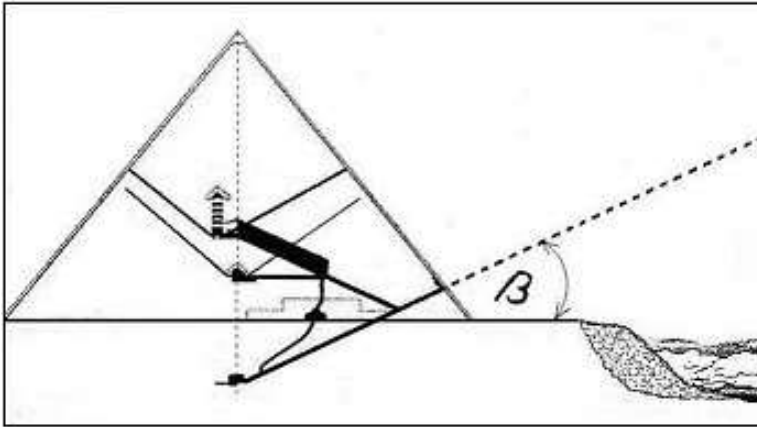


Figure 32. *The Descending passage.*

- Angle of descent (**β**) = 26.30268975°
- Tangent **β** = 0.494289196
- Sine **β** = 0.443113275

Length of the King's Chamber: 412.1316378 inches =
= 1046.81436 cm:

412.1316378 x 0.443113275 = 182.621 (a half of a
year has 182.621 days).

1046.81436 x 0.443113275 = 463.8573394 (the Ear-
th's rotation on the Equator 463.8573394 m/sec).

Width of the King's Chamber: 206.0658189 inches =
= 523.40718 cm:

a) $206.0658189 \times 0.443113275 = 91.3105$ (one season has 91.3105 days).

b) $523.40718 \times 0.443113274 = 231.9286697$ cm (original architectural base-side socket-length of the Great Pyramid: 231.9286697 meters).

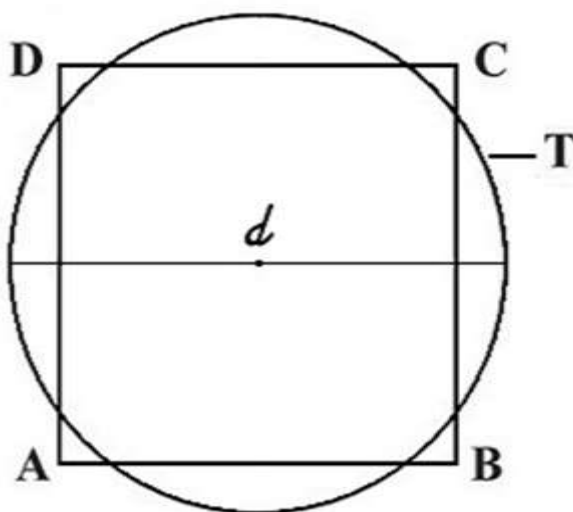


Figure 33. *Geometry of the number 1*

Diameter (**d**) = 1

Circumference of the circle **A** = 3.14159 (**Pi**)

$\sqrt{3.14159} = 1.772453102$

$1.772453102 \times 2 = 3.544906204$ = circumference of the square **ABCD**.

$3.544906204 : 4 = 0.886226551 = \mathbf{C}$

$0.886226551 : 2 = 0.443113275 = \sin \beta$ (Figure 32).

METAMORPHOSE OF THE ARCHITECTURE

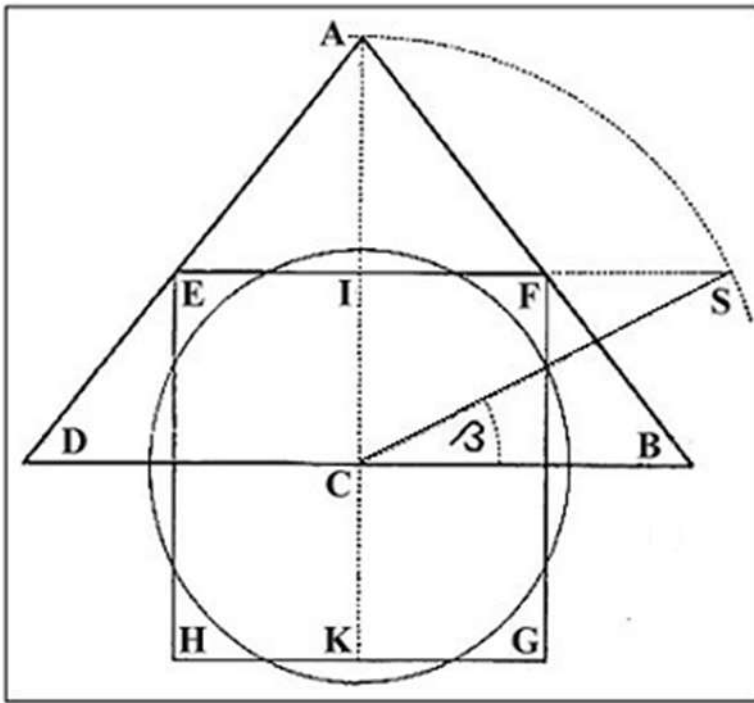


Figure 34. *Geometry of the Great Pyramid.*

- **CBS** = 26.3026897°
- **DB** = 365.242 SC
- **CA** = 232.5204754 SC
- **HG** = 206.0658189 SC
- Radius of the circle = 116.2602377 SC

Volume of sphere whose radius is 116.2602 SC =
= 6,582,363.505 cubic SC.

Volume of the Great Pyramid = 10,339,543.67 cu-
bic SC:

a) $10,339,543.67 : 6,582,363.505 = 1.570795 \left(\frac{1}{2}\pi\right)$

$$6,582,363.505 : 10,339,543.67 = 0.63662031$$

GRAND GALLERY AND THE QUEEN'S CHAMBER

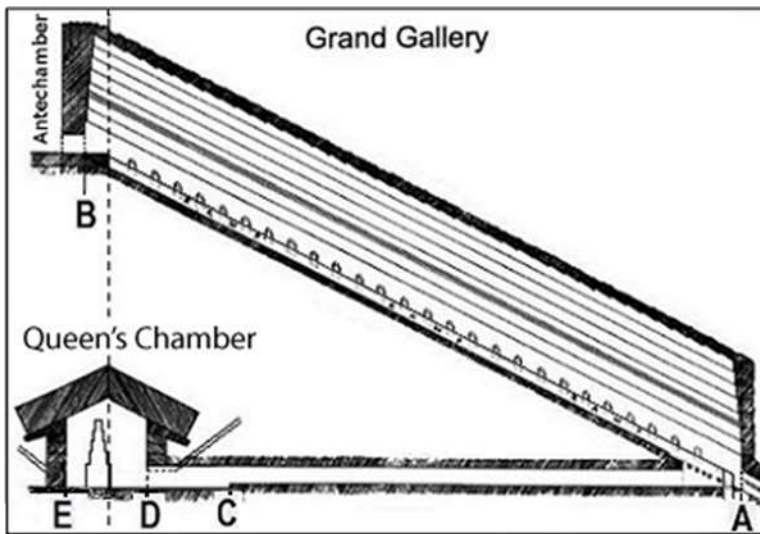


Figure 36. *The Grand Gallery and the Queen's Chamber.*

- **AB** = 1881.130161 inches
- **AC** = 1305.001172 inches
- **CD** = 216.56 inches
- **DE** = 206.0658189 inches

The horizontal length along the engraved groove through the middle of the Gallery has 1850.340714 inches = 46.99865414 meters: if a *certain object* was to travel with a speed of 46.99865414 m/sec, for 24 hours it would travel a distance of 4060.683717 km.

$1850.340714 \times 3.14159 = 5813.011885$ = the height of the Great Pyramid.

$4060.683717 \times 3.14159 = 12,757.00336$ km = Earth's equatorial diameter.

Earth's equatorial radius = 6378.501679 km:

$4060.683717 : 6378.501679 = 0.63662031 =$
 $= \text{tangent of } 32.48165854^\circ = \text{angle of the King's}$
 Chamber north channel.

ANTECHAMBER

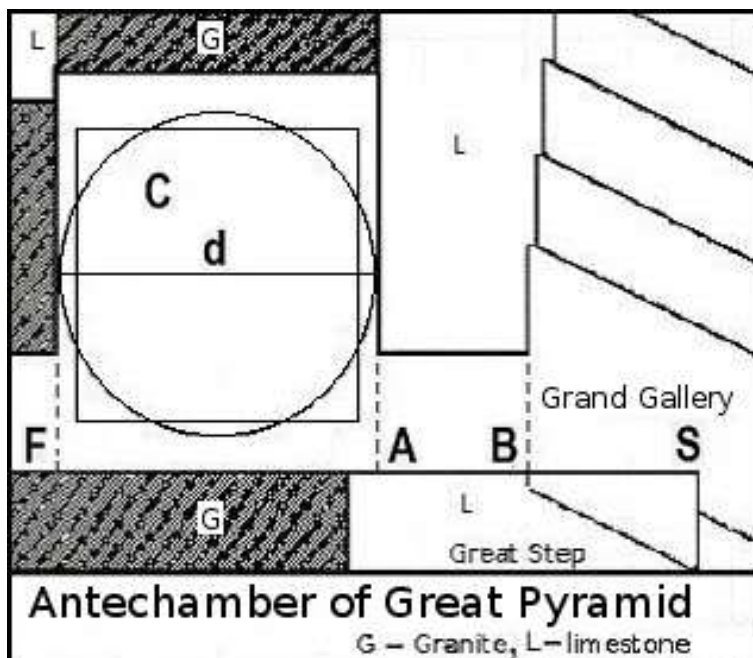


Figure 37. Antechamber

- **SB** = 61.77445169 inches
- **AB** = 52.09769524 "
- **AF** = 116.2602377 "

Length of the Antechamber (**AF**) = 116.2602377 inches = 295.3010038 cm. *If a certain object was to travel with a speed of 295.3010038 cm/sec, for one day it would travel a distance of 255.1400672 km:*

$255.1400672 \times 3.14159 = 801.545484 \text{ km} = 50\text{th part}$
 of the Earth's Equator.

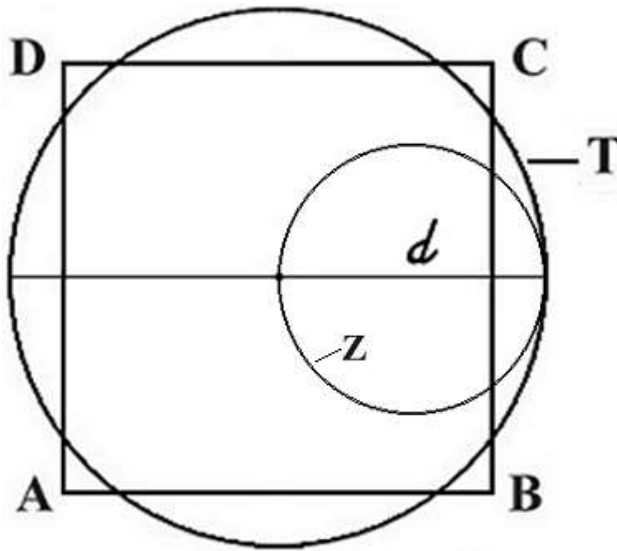


Figure 39. *Geometry of the passage into the King's Chamber.*

23.25204753 inches = 59.06020073 cm. If a certain object was to travel with a speed of 59.06020075 cm/sec, for one day it would travel a distance of 51.02801345 km = 250th part of the Equator (the equatorial diameter of the Earth is 12,757.00336 km).

$59.06020073 \times 3.14159 = 185.5429361$ cm = circumference of the circle **Z**:

185.5429361 cm $\times 1000 = 1.855429361$ km = the length of one minute (1') on the curved Earth's surface around the Equator.

Width of passageway through lower part of Chamber = $= 41.21316378$ inches = diameter of the Circle **N** (Figure 40).

Circle **N** = 1334.017186 squared inches = area of the Square **S**.

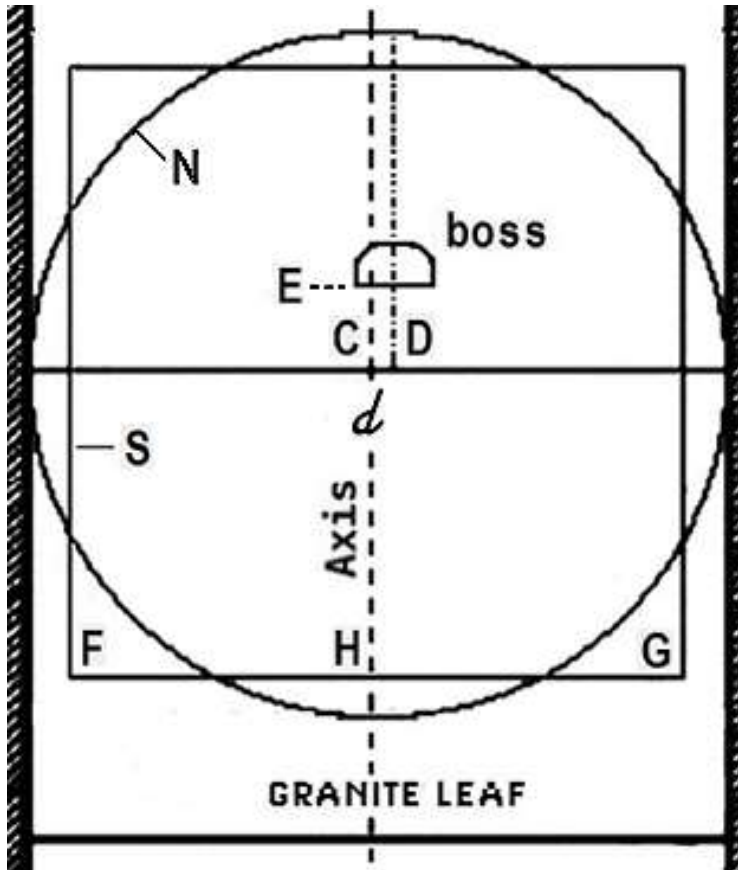


Figure 40. Antechamber passage, Granite Leaf and the Boss ($d = 41.21316378$ inches).

FG = 36.5242 inches,

CE = 5 inches above horizontal joint between upper and lower slabs of Granite Leaf: *if a certain object was to travel with a speed of 5 inches/sec, for 24 hours it would travel a distance of 432,000 inches.*

Earth's Equator = 40,077.27418 km = 1,577,845,440 inches: $1,577,845,440 : 432,000 = 3652.42$ inches = 100 **FG**.

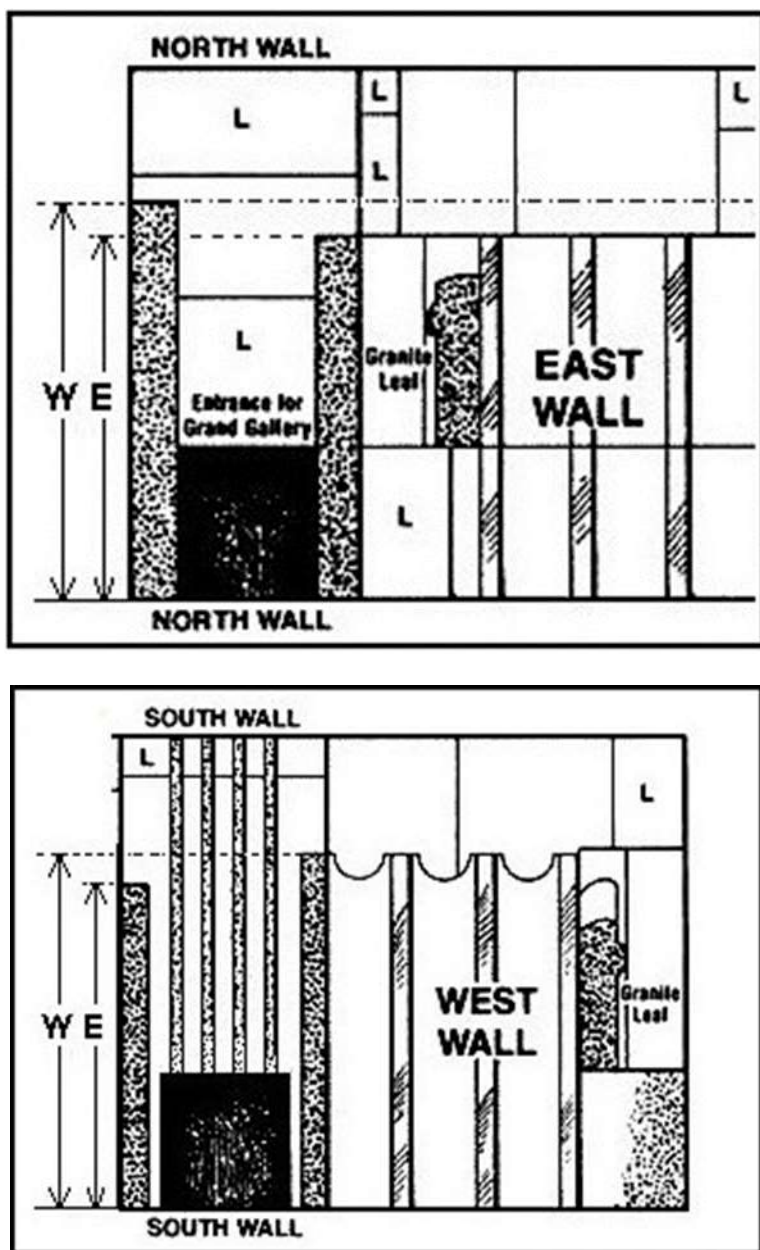


Figure 41. The granite wainscots.

Position of the center of boss (**CD**, *Figure 40*) = 1 inch to right (west) of centre of Granite Leaf: *if a certain object was to travel with a speed of 1 inch/sec for one day it would travel a distance of 86,400 inches.*

Earth's equatorial diameter = 502,244,226.8 inches:

$502,244,226.8 : 86,400 = 5813.011884$ inches =
= height of the Great Pyramid.

- Western wainscot, granite, high (**W**) = 111.7796001 inches.
- Eastern wainscot, granite, high (**E**) = 103.0329095 inches.
- The difference in height: **8.746690649** inches: "Why was the east wainscot so cut down; evidently, from its perfection of work, by the original builders? The architect is dead, but you may still virtually question him, in such a building of number, weight, and measure, by ascertaining *how much? What height*, for instance, was the eastern wainscot cut down to?" [1]

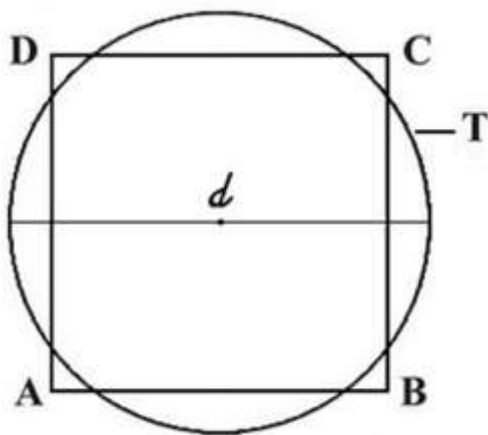


Figure 42.

Here's the answer why the difference is 8.746690649 inches:

- **AB = 8.746690649** inches (*Figure 42*),
- Area of the square **B** = 76.50459809 square inches = area of the circle **A**:

$$d = 9.869587728 = \mathbf{3.14195^2} = \mathbf{\pi}$$

.....
 [1] *Piazzi Smyth, The Great Pyramid - Its Secret and Mysteries Revealed, Gramercy Books, New York, 1978, pg. 201.*

ONE INCH OF THE ECCENTRICITY

"Why then is the boss not even approximately in the middle of the granite leaf, or in the centre between the two sides of the very narrow apartment containing it ? (only 41.21 inches broad between the granite wain-scots.)

My measures of 1865, if they can be trusted here, show that the boss is just *one inch* away on side of the centre; and as it will be elsewhere shown that it was a Great Pyramid method to indicate a small, but important, quantity by an *excentricity* to that amount in some far grander architectural feature, - we cannot but accept this measured excentricity of the boss as an additional Pyramid memorial of the very thing which is being called for by the sceptical just now; viz. one single, little, inch memorialised by the builders of the most colossal piece of architecture in the world throughout all human time." [1]

What then was the extraordinary important thing completed in these one inch of the excentricity? Vertical distance from the base of the Great Pyramid to beginning of floor of the Antechamber: 1699.511858 inches.

A diagram illustrating the relationship between a passage axis and a pyramid's North-South axis. On the left, a 3D perspective of a passage is shown with a dashed line labeled "PASSAGE AXIS" running through its center. A point "B" is marked on this axis. To the right, a vertical dashed line is labeled "PYRAMID'S N-S AXIS". Points "H" and "M" are marked near the top of this axis, and point "N" is marked further down. Dashed lines connect point "B" to points "H" and "M", and point "D" (located at the bottom of the passage) to point "N". At the bottom, a horizontal dashed line is labeled "C Floor line".

- **C - D** = 41.21316378 inches,
- **PASSAGE AXIS - H** = 286.4690182 inches,
- **PASSAGE AXIS - B** = 1 inch,
- **H - B** = 285.4690182 inches,
- **N - M** = 33.46414902 inches,

• height from the First Pyramid base to the floor line of the Antechamber = 1699.511858 inches:

$1699.511858 + 41.21316378 + 33.46414902 + 285.4690182 = 2060.658189$ inches = 100 royal cubits = 10 width of the King's Chamber.

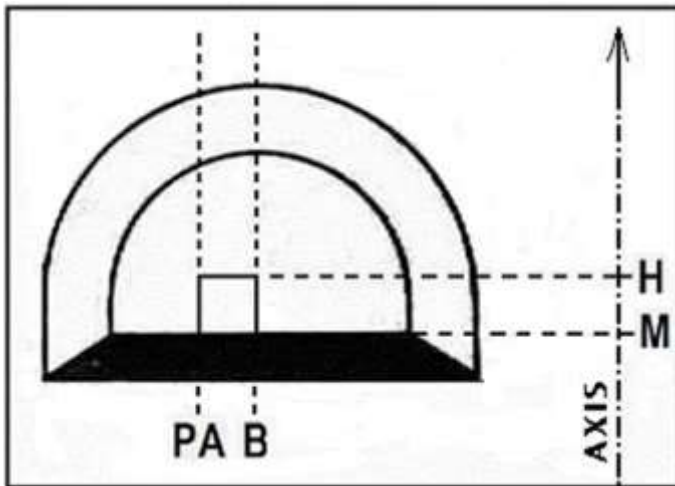


Figure 44. From the Passage Axis (PA) to the Boss Axis (B) = 1 inch = MH ("Inch" from Latin "uncia" from root of "unus" = one).

- **PAB** = 1 inch,
- **PAM** = 286.4690182 inches
- **BM** = 285.4690182 inches.
- Angle of the Pyramid passages = 26.3026897°
- $\text{Sine } 26.3026897^\circ = 0.443113275$

$2060.658189 \times 0.44311327 = 913.105$ inches =
= 10th part of the length of the Pyramid base.

.....
[1] *Piazzi Smyth, The Great Pyramid - Its Secret and Mysteries Revealed*, Gramercy Books, New York, 1978, pg. 207-208.

[illegible]

- **AB** = 105.3290314 inches
- **BC** = 2282.76251 (1/4 of the Pyramid's base)
- **BD** = 2706.094755 inches
- **CD** = 1453.252971 inches
- **CBD** = 32.48165854°
- Tangent 32.48165854° = 0.63662031
- Length of the base = 9131.05 inches

CD = 1453.252971 x 3.14159 = 4565.525001 inches =
= 182.621 sacred cubits (SC): 1453.252971 inches =
= 3691.262546 cm: *if a certain object was to travel with
a speed of 3691.262546 cm/sec, for 24 hours it would*

- Earth's equatorial radius = 6378.50168 km:
 $6378.50168 \times 0.63662031$ (tangent β) = 4060.683717 km:
 $4060.683717 \times 3.14159 = 12,757.00336$ km = Earth's diameter;
 $(4060.683717 \times 4) \times 3.14159 = 51,028.01343$ km
 The Great Pyramid - Greenwich Meridian = 3456 km:
 $51,028.01343 : 3456 = 14.76505018$ km (height of the Pyramid = 0.1476505019 km).
- Angle $\gamma = 57.51834146^\circ$
- Tangent $\gamma = \mathbf{1.570795} = \frac{1}{2}\pi$
- **CF** = 1162.602377 inches = 2953.010038 cm
- **FE** = 1743.903564 inches = 4429.515053 cm = radius of the Circle **L**,
- Circle **L** (circumference) = 13,915.72019 cm
 $2 \times 13,915.72019 = 0.2783144039$ km:
- a)** $0.278314404 \times 72,000 = 20,038.863709$ km = $\frac{1}{2}$ of the length of Earth's equator.
- b)** $0.278314404 \times 144,000 = 40,077.27418$ km = length of Earth's equator.
- AB** = 292.1936 SC = 7304.84 inches = 18,554.2936 cm = 0.185542936 km = 10th part of the 1' (1 minute) on the curved Earth's surface around the Equator.

THE KING'S CHAMBER SOUTHERN AIR SHAFT

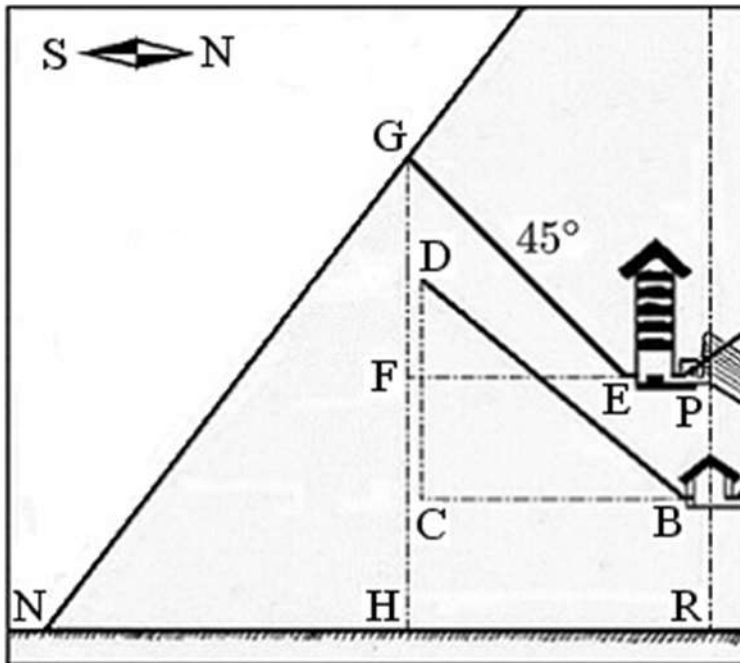


Figure 47. South air-channel of the King's Chamber (BC).

- **FE** = 45° ,
- **EG** = 2055.210061 inches,
- **EF** = **FG** = 1453.252971 inches,
- **HR** = **FP** = 2060.124261 inches,
- **HG** = 3189.977993 inches,

FG + EF = 1453.252971 + 1453.252971 =
 = 2906.505942 inches = 7382.525093 cm: if a certain
 object was to travel with a speed of 7382.525093
 cm/sec, for one day it would travel a distance of
 6378.50168 km = equatorial Earth's radius.

1453.252971 x 4 = 5813.011884 inches = the height
 of the Great Pyramid.

GEOMETRY OF THE KING'S CHAMBER

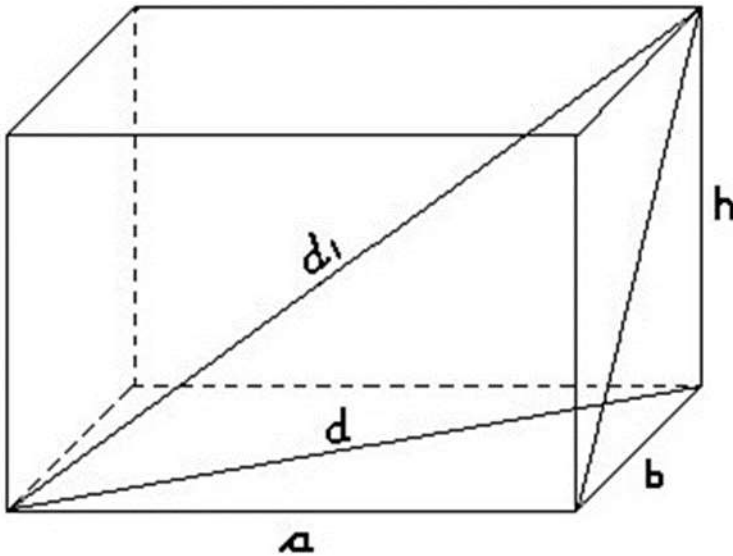


Figure 48. *Geometry of the King's Chamber.*

King's Chamber dimensions in inches:

- Length (**a**) = 412.1316378 inches =
- Width (**b**) = 206.0658189 = $\frac{1}{2}$ of 412.1316378,
- Height (**h**) = 230.3885895 = $206.0658189 \times \frac{1}{2}\sqrt{5}$,
- Floor diagonal (**d**) = 460.7771789 = $412.1316378 \times \frac{1}{2}\sqrt{5}$
- Cubical diagonal (**d1**) = 515.1645473 =
= 412.1316378×1.25 = **AB** (Figure 49):
 - **d1** = 515.1645473 inches = **AB** (Figure 49),
 - Area of the Square **ABCD** = 265,394.5108 square inches = area of the Circle **T**,
 - **d** = 581.3011883 inches = 10th part of the Pyramid's height.

Circumference of the Circle **T** = 1826.21 inches: *if a certain object was to travel with a speed of 1826.21 inches/sec, for one day it would travel a distance of*

157,784,544 inches = 4007.72741 km = 10th of the length of the Earth's equator.

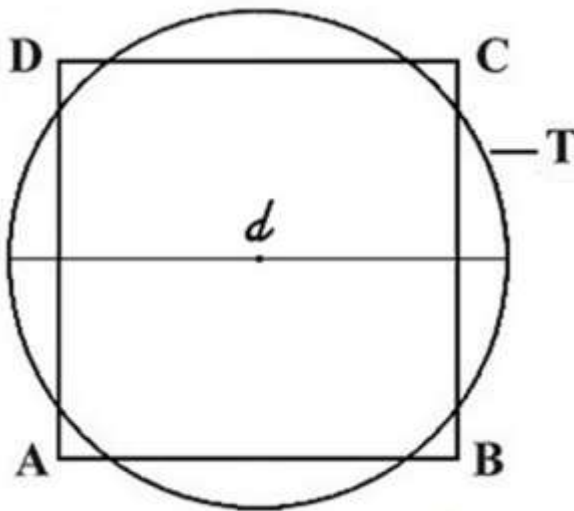


Figure 49. Each side of the Square **ABECEDA** has a length equal to the cubic length of the King's Chamber. Diameter of the Cricle **T (d)** = 581.3011883 inches = 1/10 part of the height of the Great Pyramid.

THE COFFER OF THE KING'S CHAMBER

The measurements of the Coffe (in inches):

- Length = 89.8055812,
- Width = 38.50236153,
- Height = 41.21316378

Volume of the Coffe = 142,503.8673 cub. inches =
= 2335.225124 liters.

The inner section contains exactly one half of the capacity of the outer measurements: 1167.612562 litres.

The Coffe is made of red granite. Specific gravity of



Figure 50. *The coffer in the King's Chamber*

granite is 2.69 g/cm^3 . If we take 3.14159 (Pi) as the number of litres, we can find some interesting numbers:

$3.14159 : 1167.612562 = 0.002690699$ litres or 2.69061 grams.

As reported by the U.S. Bureau of Standards (Kessler, 1919, Kessler and Sligh, 1927) specific gravity of granite stone = $2.6 - 2.7 \text{ g/cm}^3$. [1]

.....
 [1] L. W. Currier, *Geologic Appraisal of Dimension-Stone Deposits, Geological Survey Bulletin, Issues 1109, United States Government Printing Office, Washington, 1960, p. 69.*

KING'S CHAMBER AND THE SOLOMON'S TEMPLE

The original architectural number of the King's Chamber width = 206.0658189 (in inches). The numbers of the Solomon's Temple, also known as the First Temple (in sacred cubits):

- Portal (high) 120
- Length 60
- Height 30
- Width 20

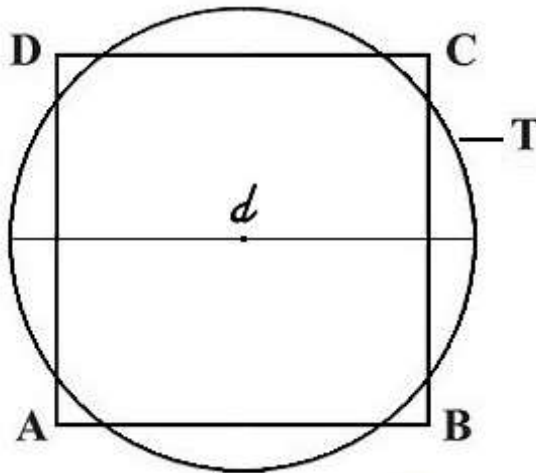


Figure 51. *Geometric symbolism of numbers in the meaning of time (100 years).*

- $206.0658189 \times 120 = 24,727.89827$ seconds,
 - $24,727.89827 \times 60 = 1,483,673.896$ seconds,
 - $1,483,673.896 \times 30 = 44,510,216.88$ seconds,
 - $44,510,216.88 \times 20 = 890,204,337.6$ seconds,
- $= 14,836,738.96$ minutes $= 10,303.29095$ days $=$
 28.20949109 years $=$ symbolic length of the time $=$
 $=$ **AB** (Figure 51).

Symbolic surface area of the Square **ABCD** =

= 795.7753876 "squared years" = symbolic area of the Circle T. The diameter (**d**) of the symbolic Circle T =
= 31.8310155 "years":

$31.8310155 \times 3.14159 = 100 \text{ years} = 1 \text{ century} =$
circumference of the Circle T.

$4 \times 31.8310155 = 127.324062$ (tangent of the Great Pyramid's angle of side-rise = 1.273240621).

THE 35th PYRAMID MASONRY COURSE



Figure 52. The 35th Course (the arrow direction).

"What then was the extraordinary important thing completed in these first 35 courses, that the builders crowned in them so majestically; honoured them, in fact, with a diadem of stone (whose 50-inch white escarpment shines afar on every side); and marked them to all future time by the weight and size of the 36th, 37th, and other higher courses of extra thick masonry immediately above them?" [1]

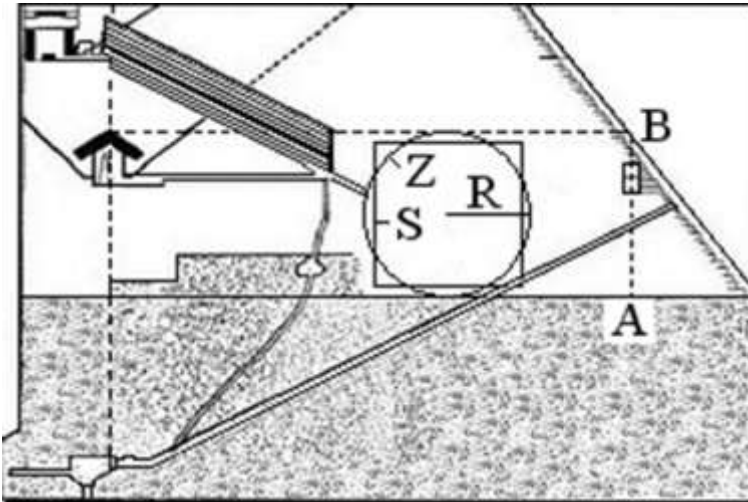


Figure 53. *Geometry of the 35th Course.*

AB = 1162.602377 inches

$1162.602377 \times 432,000 = 502,244,226.9$ inches =
 = 12,757.00336 km = the length of the Earth's equatorial diameter.

The circumference of the Circle **Z** = 3652.42 inches:
if a certain object was to travel with a speed of 3652.42 inches/sec, for one day it would travel a distance of 315569088 inches = 8015.454835 km = 5th part of the Earth's Equator.

Area of the Circle **Z** = 1,061,578.044 square inches
 = area of the Square **S**. One side of the square **S** =
 1030.329095 inches = 41.2131638 sacred cubits = 50
 royal cubits = 5 widths of the King's (or the Queen's)
 Chamber = 2.5 lengths of the King's Chamber.

- **AB** = 1162.602377 inches = **CD** = the height of the 35th course (*Figure 54*),
- **EF** = 9131.05 inches,
- **ED** = 913.105 inches = **AF**,
- **DA** = **BC** = 7304.84 inches = 0.185542936 km = 1/10

of a minute of an arc along the Earth's equator.

One minute of the arc at the Earth's equator is 1.85542936 km. A full circle has 360 degrees or 21,600 minutes of arc: $21,600 \times 0.185542936 = 4007.727418$ km = 10th part of the Earth's equator.

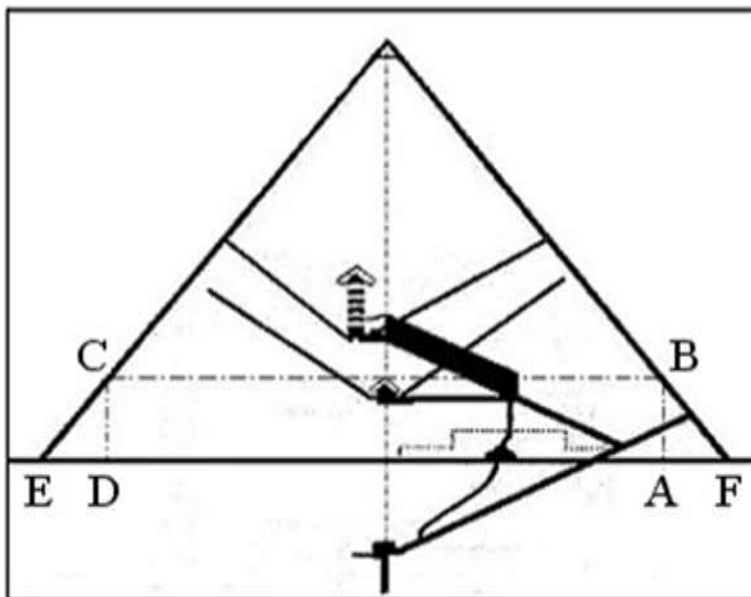


Figure 54. *DA (BC) 1/10 minute of arc along the Earth's equator.*

- **AB** = 1162.602377 inches = **DC**
- The ratio, or proportion, determined by Phi (ϕ) divine proportion (Latin: sectio divina), golden proportion, golden cut, and golden number = 1.618033988...

$1162.602377 \times 1.618033988 = 1881.130161$ inches =
= the length of the floor-line of the Grand Gallery from north to south wall.

.....
[1] *Piazz Smyth, The Great Pyramid - Its Secret and Mysteries Revealed*, Gramercy Books, New York, 1978, p. 213.

WISDOM CALLS

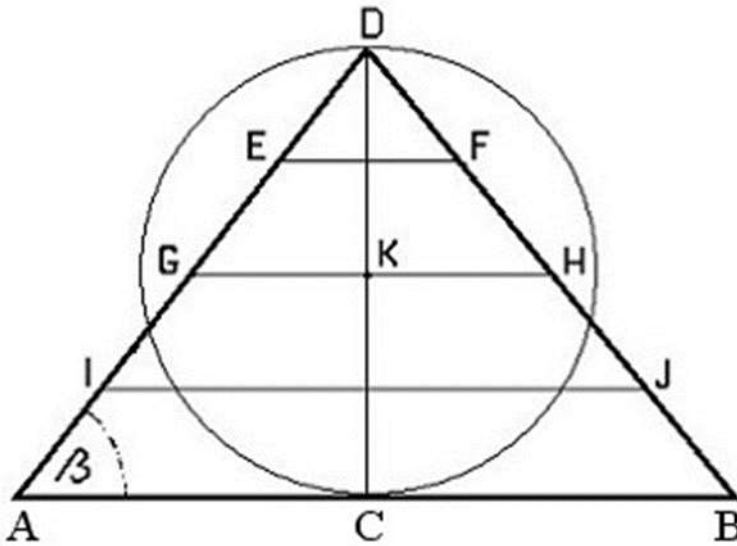


Figure 55. *The Earth and the Great Pyramid.*

- **CD** = 12,757.00336 km = Earth's equatorial diameter,
- β = 51.85399754° = Pyramid angle of slope,
- Tangent β = 1.27324062
- **AC** = 10,019.31854 km = **CB**,
- **AB** = 20,038.63708 km = $\frac{1}{2}$ of the Earth's equator,
- **EF** = 5009.65927 km = 8th part of the Earth's equator,
- **CD** = 12,757.00336 km = Earth's equatorial diameter,
- 1 year = 365.242 days
- The inclination of the northern shaft of the King's Chamber = 32.48165854°
- Tangent 32.48165854° = 0.63662031

12,757.00336 : 365.242 = 34.9275367 km: if a certain object was to travel with a speed of 0.63662031

sacred cubits/sec, for one day it would travel a distance 55,003.99478 SC = 34.9275367 km.

One side of the Great Pyramid's base is 231.92867 meters long. Two sides together have 463.85734 meters: this is the velocity of Earth rotation at the equator in one second.

With the speed of 463.85734 m/sec, in one minute one point on the Equator moves by 27,831.4404 metres or 27.8314404 km. For one hour this is the length of 1669.886424 km. For the amount of 24 hours (1 day) this is 40,077.27418 km. This is, according to the Great Pyramid, the length of Earth's Equator.

The height of the Great Pyramid is 147.6505019 meters:

$147.6505019 \times 3.14159 = 463.8573403$ meters = the length of the two sides of the Pyramid's base.

The entrance axis is located away from the main axis of the Pyramid by 286.4690182 inches:

$286.4690182 \times 2 = 572.9380364$ inches = the length of one side of the present Pyramid's top.

One side of the Great Pyramid's base is 9131.05 inches long. Four sides together have 3,6524.2 inches:

$36,524.2 \times 286.4690182 = 10,463,051.71$ inches = $= 265.7615135$ km: *if a certain object was to travel with a speed of 265.7615135 km/h, for 24 hours it would travel a distance of 6378.276325 km equatorial radius of the Earth.*

The Entrance axis into the Great Pyramid is away from the main axis of the Pyramid by 286.4690182 (inches). One degree (1°) on the Earth's curved surface = 111 km: $286.4690182^\circ \times 111 = 31,798.06102$ km:

'pyr-met' (pyramid) in Coptic language) means 'the division of ten'. [1]

Tenth part of 31,798.06102 km = 3179.806102 km = $\frac{1}{4}$ of the Earth's diameter in the north-south direction: according to the Great Pyramid north-south diameter of the Earth is 12,719.22441 km (7903.37928 miles).

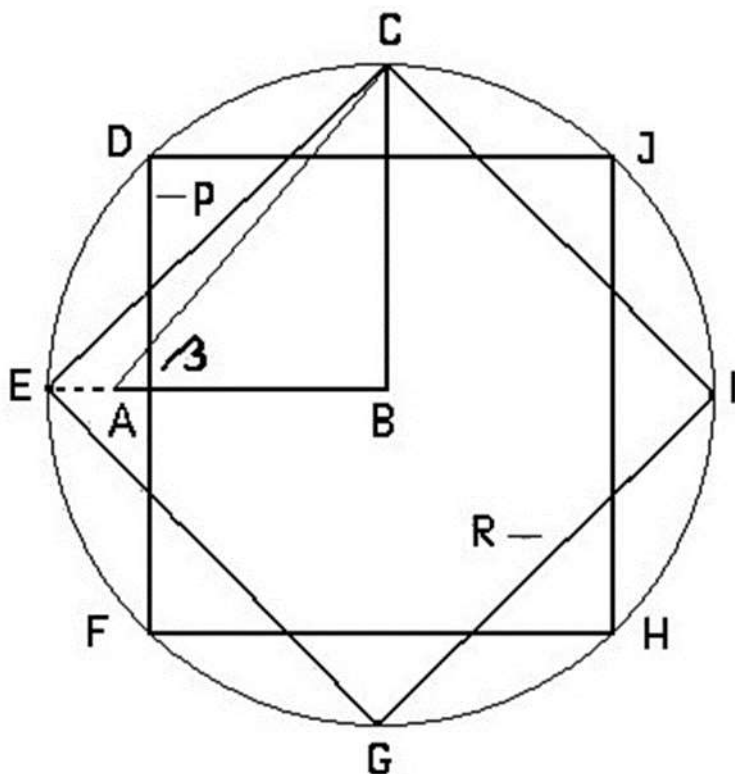


Figure 56. Earth, octagonal 8 - pointed star in the circle and the Gr. Pyramid.

- **BC** = 6378.501681 km = Earth's equatorial radius,
- **β** = ascent angle of Great Pyramid = 51.85399754°,
- Tangent **β** = 1.273240621,
- Earth's Equator = 40,077.27418 km

40,077.27418 : 8 parts = 5009.65927 km = **AB**

5009.65927 x 1.273240621 = 6378.501681 km = **BC**
= Earth's equatorial radius.

AB = 5009.65927 km = **CD** = **DE** = **EF** = **FG** = **GH** =
= **HI** = **IJ** = **JC**.

Circle = Infinity

Square **P** = Peace

Square **R** = Wisdom, Knowledge, Creativity

.....
[1] Joseph Augustus Seiss, *A Miracle in Stone: Or, The Great Pyramid of Egypt*, Fourth edition, Philadelphia, Porter & Coates, 1877, p. 46.

THE CAUSEWAYS

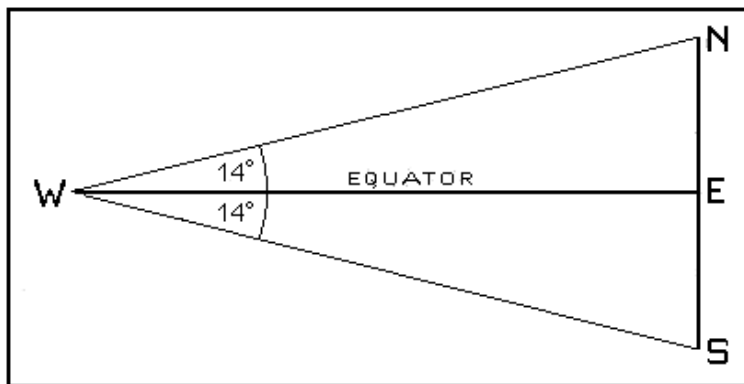


Figure 57. Two causeways

The Earth is not a perfect sphere and the Great Pyramid shows that the fourth part of the Earth diameter in the north-south direction is 3179.806102 km, and the circumference of the Earth in north-south direction is 39,958.58821 km (24,829.11559 miles). One fourth of

total length of Earth's length in direction north-south is 9989.647053 km.

All three pyramids have a causeway. The causeway of the Third Pyramid heads straight east. From the Great Pyramid its *cause-way* heads east at 14° northeast. From the Second Pyramid its cause-way heads at 14 degrees southeast.

Tangent of the angle of 14° = 0.249328002

- **EN** = **ES** = 9989.647053 (x 4 = 39,958.58821 km),
- **WE** = 40,066.28607 km ≈ length of the Earth's equator.

THE SPEED OF THE EARTH'S ROTATION

One side of the Great Pyramid's base is 231.92867 metres long. Two sides together have 463.85734 metres. This is rotational speed of the Earth's spinning on its axis: for one minute one point on the Equator moves by 27,831.4404 metres or 27.8314404 km (17.936553 miles). For one hour this is the length of 1669.886424 km. For the amount of one day (24 hours) this is 40,077.27418 km. This is, according to the Great Pyramid, the length of Earth's Equator.

The height of the Great Pyramid 147.6505019 metres:

$147.6505019 \times 3.14159 = 463.85734 \text{ m} = \text{two sides of the Pyramid's base.}$

The entrance axis is located away from the main axis of the Pyramid by 286.4690182 inches:

$286.4690182 \times 2 = 572.9380366 \text{ inches} = \text{the length of one side of the present top of the Pyramid.}$

One side of the Great Pyramid's base is 9131.05 inches long. Four sides together have 3,6524.2 inches:

$36,524.2 \times 286.4690182 = 10,463,051.71$ inches =
 = 265.7615135 km: *if a certain object was to travel with
 a speed of 265.7615135 km/h, for 24 hours it would
 travel a distance of 6378.276325 km = equatorial ra-
 dius of the Earth.*

THE GREAT PYRAMID AND THE NUMBER Phi

- The height of the 35th course above the second Pyramid base = 1162.602377 inches.
- Divine proportion (the number Phi) = 1.618033988

$1162.602377 \times 1.618033988 = 1881.130161$ inches = floor-length of the Grand Gallery.

- Architectural original height of the Great Pyramid = 5813.011885 inches:

$5813.011885 \times 1.618033988 = 9405.650803$ inches:

$9405.650803 : 5 = 1881.130161$ inches = length of the Grand Gallery.

- Length of the Pyramid's base side = 9131.05 inches:

$9131.05 : 1.618033988 = 5643.299256$ inches:

$5643.299256 : 3 = 1881.099752$ inches = floor-length of the Grand Gallery.

- Length of the Pyramid's base side = 9131.05 inches:

$9131.05 \times 1.618033988 = 14,774.34925$ inches:

$14,774.34925 : 1881.13016 = 7.853975$

$7.853975 : 2.5 = 3.14159 = \mathbf{\Pi}$

- The Pyramid passage angle = 26.3026897°
- Sine $26.3026897^\circ = 0.443113275$

• Length of the Grand Gallery = 1881.130161 inches:

$$1881.130161 \times 0.443113275 = 833.5537463 \text{ inches}$$

$$833.5537463 : 1.618033988 = 515.1645469$$

515.1645469 $\times 4 = 2060.658188$ inches = ten width of the King's Chamber = distance from the Pyramid base to the Boss (see "One inch of the eccentricity", page 56-57).

• The floor-line of the Grand Gallery = 1881.130161 inches. The angle of Great Pyramid = 51.85399754° . Tangent $51.85399754^\circ = 1.273240621$

$$1881.130161 : 1.273240621 = 1477.434925 \text{ inches}$$

$$1477.434925 : 1.618033988 = 913.105 \text{ inches}$$

- The first Pyramid base = 9131.05 inches,
- Angle of the Grand Gallery = 26.3026897° ,
- Sine $26.3026897^\circ = 0.443113275$

$$913.105 \times 0.443113275 = 404.608947 \text{ inches:}$$

$$404.608947 \times 1.273240621 = 515.1645469 \text{ inches:}$$

$$515.1645469 : 2.5 = 206.0658188 \text{ inches} = \text{width of the King's Chamber .}$$

• Length of the King's chamber = 412,131638 inches:

$$412.1316378 : 1.618033988 = 254.7113601 \text{ inches} \\ = \text{circumference of the Circle } \mathbf{T} \text{ (Figure 58).}$$

- $\mathbf{d} = 81.07721253$ inches,
- Surface area of the Circle $\mathbf{A} = 5162.821769$ squared inches = area of the Square $\mathbf{B}$,
- $\mathbf{C} = 71.85277844$ inches:

$$71.85277844 \times 1.618033988 = 116.2602376 \text{ inches} = \\ = \text{length of the Antechamber:}$$

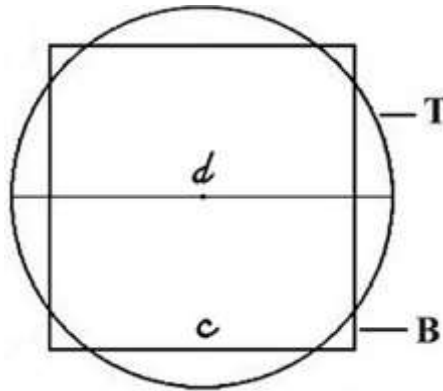


Figure 58.

$116.2602376 \times 1.618033988 = 188.113016$ inches
 = 10th part of the length of the Grand Gallery.

The number 5 is the relationship between the proportion of the 35th course and the original height of the Great Pyramid:

$1162.602377 \times 5 = 5813.011885$ inches.

The architect of the Great Pyramid knew that Earth's equatorial diameter is 12,757.00336 km long, and he took 5th part of that length:

$12,757.00336 : 5 = 2551.400672$ km

How did the length of 2551.400672 km the architect incorporate in the dimension of the Grand Gallery? He did that very simple: with the knowledge of the correlation of a time and speed, and with the number Phi: *in order to travel the distance of 2551.400672 km in one day (24 hours), a certain object would have to travel at a speed of 29.53010037 meters per second or 1162.602377 inches per second.*

And the number Phi (ϕ) is coming:

$29.53010037 \times 1.618039988 = 47.78070607$ meters =
1881.132016 inches = length of the Grand Gallery.

Who was familiar with the Earth's measurements and with the number Phi during that ancient time? The ancient Egyptians did not know of the length of the Earth's equatorial diameter, which means that they were not the builders of the Great Pyramid. Who has adjusted all these measurements?

- The circumference of the Earth at the equator is 40,077.27418 km:

$$40,077.27418 : 5 = 8015.45436 \text{ km}$$

In order to travel the distance of 8015.45436 km in one day, a certain object would have to travel at a speed of 92.77146801 meters per second, or 3652.42 inches per second.

$$3652.42 \times 1.618033988 = 5909.739699 \text{ inches}$$

$5909.739699 : 3.1419 = 1881.13016$ inches = the length of the Grand Gallery.

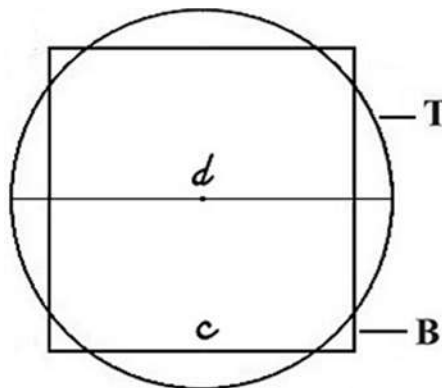


Figure 59.

- $d = 1881.130161$ inches = 47.78070609 m = length of the Grand Gallery (Figure 59).

- Surface area of the Circle **A** = 1793.059252 m^2 =
= area of the Square **B**

- **C** = 42.34453037 m

$42.34453037 : 1.618033988 = 26.17035902$ meters:
if a certain object was to travel with a speed of $26.17035902 \text{ m/sec}$, for one day it would travel a distance of 2261.119019 km :

$2261.119019 \times 5 = 11,305.5951 \text{ km}$

Square whose side is $11,305.5951 \text{ km}$ long has the same surface area as a circle whose diameter is $12,757.00336 \text{ km}$ = equatorial diameter of the Earth.

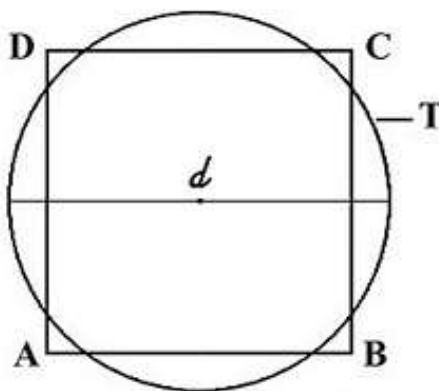


Figure 60.

- 1 year = 365.242 days

$365.242 : 1.618033988 = 225.7319702$ measuring units (days) = **AB** (Figure 60).

Square area **ABCD** = $50,954.92238$ square measuring units = surface area of the Circle **T**,

d = 254.7113601 square measuring units:

$254.7113601 \times 1.618033988 = 412.1316378$ square measuring units: the length of the King's Chamber.

SIGILLUM DEI (THE SEAL OF GOD)

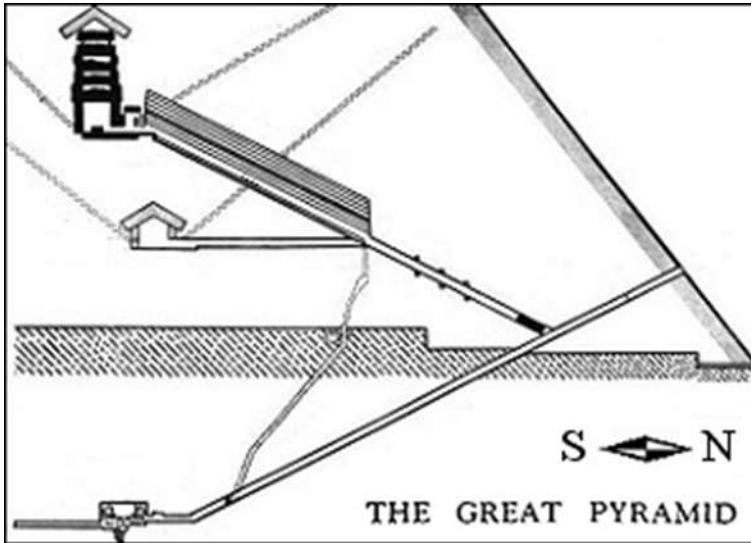


Figure 61. *The Grand Gallery is the key to the Great Pyramid measures.*

The length of the first Pyramid base = 365.242 sacred cubits. The floor-length of the Grand Gallery is 1881.130161 inches or 75.24520644 sacred cubits:

- $365.242 \times 1.618033988 = 590.9739698$ sacred cubits
- $590.9739698 : 75.24520644 = 7.853974995 =$
 $= 2.5 \times 3.14159$
- $7.853974995 : 1.618033988 = 4.854023496$
- $4.854023496 : 1.618033988 = 3$

THE SIGN OF THE NUMBERS

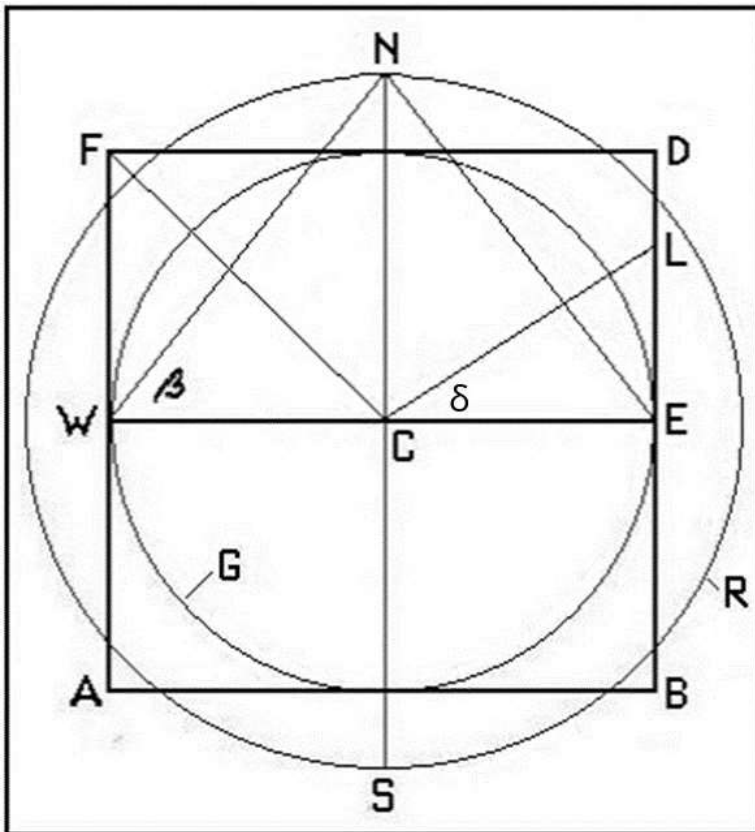


Figure 62.

- Each side of the Great Pyramid rises at an angle of 51.85399754° (β),
- $\text{Tangent } 51.85399754^\circ = 1.273240621$,
- $\text{WCF} = 45^\circ$ = the angle of the southern channel of the King's Chamber,
- $\text{ECL} = 32.48165854^\circ$ = (δ) = the angle of the northern channel of the King's Chamber,
- $\text{Tangent } 32.48165854^\circ = 0.63662031 =$
 $= \frac{1}{2} \text{ of } 1.27324062$,
- $\text{EC} = 6378.501681$ = equatorial radius of the Earth:

$6378.501681 \times 0.63662031 = 4060.683717 \text{ km} = \text{EL}$

$4060.683717 \times 3.14159 = 12,757.00336 \text{ km} = \text{equatorial diameter of the Earth} = \text{WE}$

$12,757.00336 \times 4 = 51,028.01344 \text{ km} = \text{circumference of the Circle R.}$

Radius of the Circle **R** = 8121.367435 km:

$8121.367435 : 6378.501881 = 1.273240621 = \tan \beta.$

THE EARTH'S AXIAL TILT (OR OBLIQUITY)

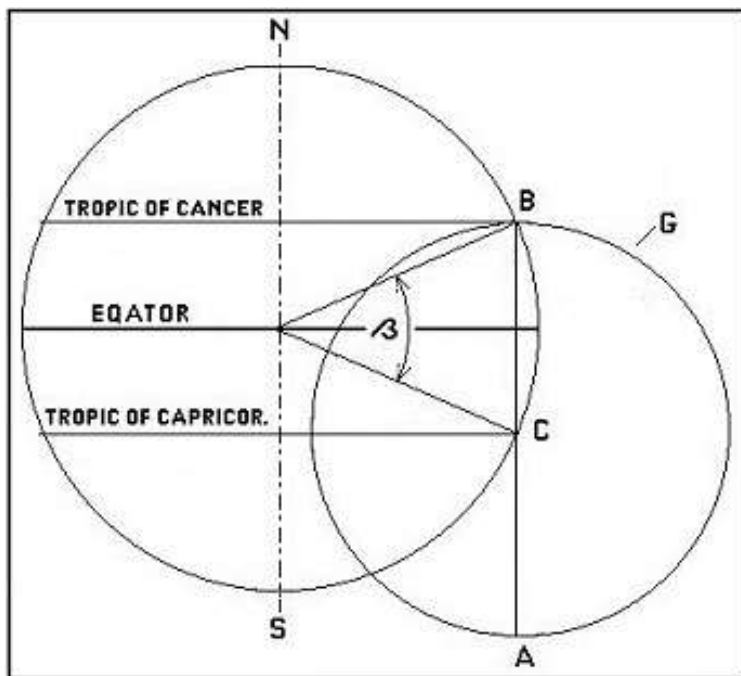


Figure 63. Tilt of the Earth's axis (obliquity).

- The Earth's axial tilt (or obliquity) = 23.4461943°
- $\text{Sine } 23.4461943^\circ = 0.397887694$
- $\beta = 2 \times 23.4461943^\circ = 46.8923886^\circ$
- Earth's equatorial radius = 6378.501681 km

$6378.501681 \times 0.397887694 = 2537.927325 \text{ km} =$
 $= \mathbf{BC} = \mathbf{CA}.$

Circumference of the Circle **G** = 15,946.25421 km =
 = 1,594,625,421 cm = 627,805,283.9 inches.

- The height of the Great Pyramid = 5813.011886 inches: 627,805,283.5 : 5813.011886 = 108,000 inches = 4320 sacred cubits.

The equatorial radius of the Earth = 6378.501681 km
 = 10,044,884.53 sacred cubits:

$10,044,884.54 : 4320 = 2325.204754 \text{ sacred cubits} =$
 $= 10 \text{ heights of the Great Pyramid}.$

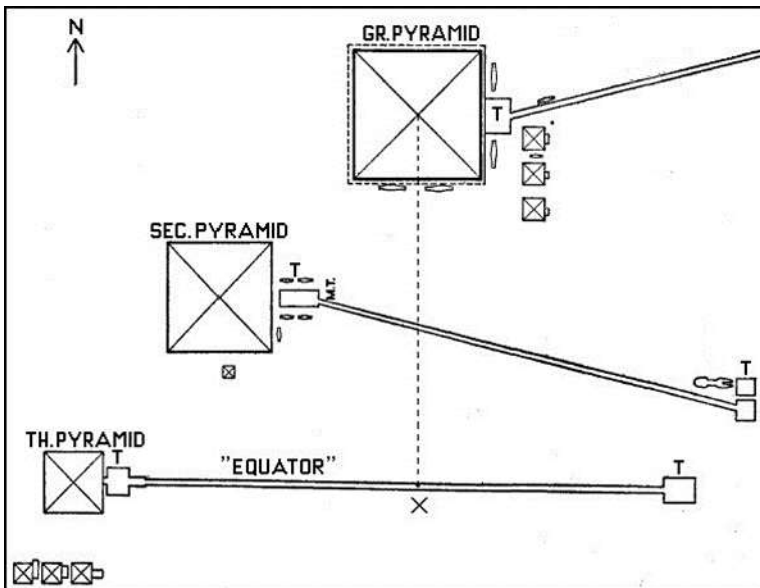


Figure 64.

Position of the Pyramids:

- The Great Pyramid: 29° 58' 51" N, 31° 08' 6.486" E
- The Second Pyramid: 29° 58' 40" N
- The Third Pyramid: 29° 58' 27" N

At the time of summer solstice, June 21, the Sun is directly overhead at noon at the Tropic of Cancer: 23.4461943° . That is 6.53463903 degrees lower than the position of the Great Pyramid. These 6.5 degrees on the curved surface of the Earth is 725.34 km. Distance from the Center of the Great Pyramid to the spot $X = 725.34$ meters (Figure 64).

THE EARTH'S PERFECT CIRCLE

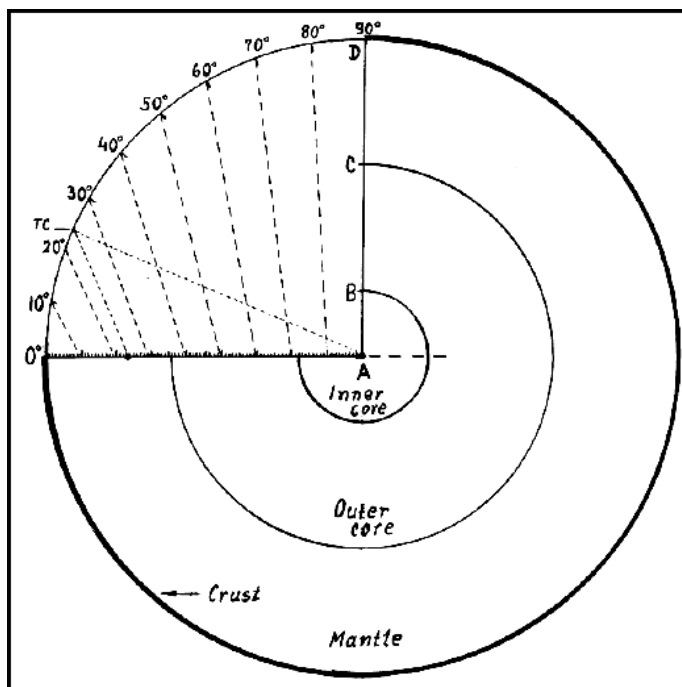


Figure 65. *The Earth's perfect circle.*

- 1 degree (1°) of Earth's curved surface = 111 km,
- Circle = $360^\circ = 39,960$ km = the Earth's perfect circle,
- Radius of the Earth's perfect circle = 6359.836898 km,
- Real Earth's equatorial radius = 6378.501681 km

$6378.501681 - 6359.836898 = 18.664783 \text{ km} = \text{mean thickness of the Earth's crust.}$

- Radius of the Earth's perfect circle = 6359.836898 km

$6359.836898 : 90^\circ = 70.66485442 \text{ km for the each degree.}$

$70.66485442 \text{ km for the each degree} = 70.66485442 \text{ km on the Earth's surface} = 0.6366203^\circ = \text{tangent of } 32.48165854^\circ = \text{the angle of the northern channel of the King's Chamber.}$

- $1^\circ \text{ on the curved Earth's surface} = 111 \text{ km}$
- $111 : 70.66485442 = 1.570795 = \text{Pi}/2$

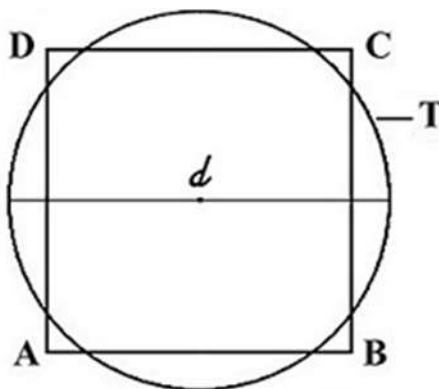


Figure 66.

- Radius of the Circle **A** = 70.66485442 km (Figure 66),
- Surface area of the Circle **A** = 156,87.59768 km² = surface area of the Square **B**,
- One side of the Square **A** = 125.2501404 km:
 $125.2501404 \text{ km on the curved Earth's surface} = 1.128379643^\circ \text{ on the surface.}$
- The Pyramid rises at an angle of 51.85399754° ,

- $\text{Tangent of } 51.85399754^\circ = 1.27324062$

$$1.128379644^2 = 1.27324062$$

1.128379644 years = 412.1316368 days. Length of the King's Chamber = 412.1316378 inches.

- Position of the Great Pyramid = 30° north latitude from the equator,

- 1° of Earth's latitude is equivalent to 111 km:

$$30^\circ \times 111 \text{ km} = 3330 \text{ km}$$

- The angle of the Pyramid's slope = 51.85399754°

- $\text{Tangent of } 51.85399754^\circ = 1.273240621$

$$3330 \times 1.273240621 = 4239.891268 \text{ km:}$$

$$4239.891268 \times 3 = 12,719.6738 \text{ km}$$

$12,719.6738 \times 3.14159 = 39,960 \text{ km} = \text{circumference of the Earth's perfect circle.}$

THE PRIME MERIDIAN

The Prime Meridian is the meridian of 0° longitude, which runs through Greenwich, England (Greenwich Meridian), the vertical line that marks the zero degree longitude measurement on the globe of Earth (1° of the curved Earth's surface = 111 km).

The modern Greenwich Meridian, based at the Royal Observatory, Greenwich, was established by Sir George Biddell Airy in 1851.

An International meridian Conference was convened at Washington in 1884 and the delegates recommended to their respective governments that Greenwich should be adopted as the Prime Meridian. Why does the Prime Meridian pass through Greenwich?

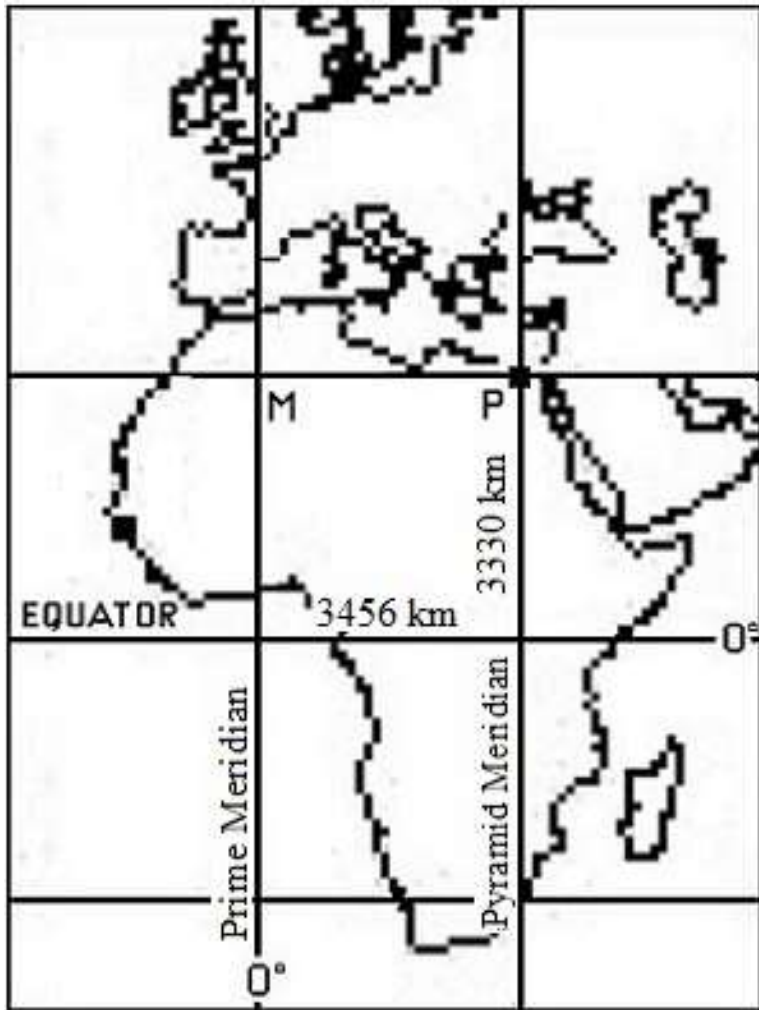


Figure 67. Greenwich Meridian (*M*, 0°) and the Pyramid's Meridian (*P*).

- Position of the Great Pyramid: 31.135135134° E (31° 08' 6.48648636"),
- 1° of Earth's latitude is equivalent to 111 km (69 mi) of surface distance in the north-south,

- Circle = $360^\circ = 39,960 \text{ km}$ = circumference of the Earth's perfect circle:

- Position of the Great Pyramid: $31.135135134^\circ \text{ E}$:

$31.135135134^\circ = 3456 \text{ km}$ = distance from the Greenwich Meridian to the Great Pyramid.

- Equator of the Earth = $40,077.27418 \text{ km}$

- Distance from the Greenwich Meridian to the Great Pyramid = 3456 km :

$40,077.27418 : 3456 = 11.5964335 \text{ km}$: *if a certain object was to travel with a speed of 11.5964335 km/sec, for 24 hours it would travel a distance of 1,001,931.854 km = 25 lengths of the Equator. For the amount of time of one year (365.242 days) the distance would be 365,947,594.4 km = 14,407,385,606,299.21 inches.*

- The base length of the Great Pyramid is 9131.05 inches:

$14,407,385,606,299.21 : 9131.05 =$
 $= 1,577,845,440.151923 \text{ inches} = 40,077.27418 \text{ km} =$
 $= \text{the length of the Earth's equator.}$

For the amount of 25 tropical years (9131.05 days) with the rotation around own axis, the Earth makes $14,407,385,606,299.21$ inches or $365,947,594.4 \text{ km}$.

- Circle **A** = the Earth (*Figure 68*),

- **d** = $12.757.00336 \text{ km}$ = the diameter of the Earth,

- **β** = 26.30268975° = the ascending angle of the Grand Gallery and the Ascending and Descending Pyramid's passages,

- tangent **β** = 0.494289195

- sine **β** = 0.443113275

$\mathbf{d} \times \sin \mathbf{\beta} = 12,757.00336 \times 0.443113275 =$
 $= 5652.797538 \text{ km} = \mathbf{a}$

$$2a = 11,305.59508 \text{ km}$$

$$a : \tan \beta = 5652.797538 : 0.494289195 =$$

$$= 11,436.21506 \text{ km} = H$$

- $H/2 = 5718.107532 \text{ km}$

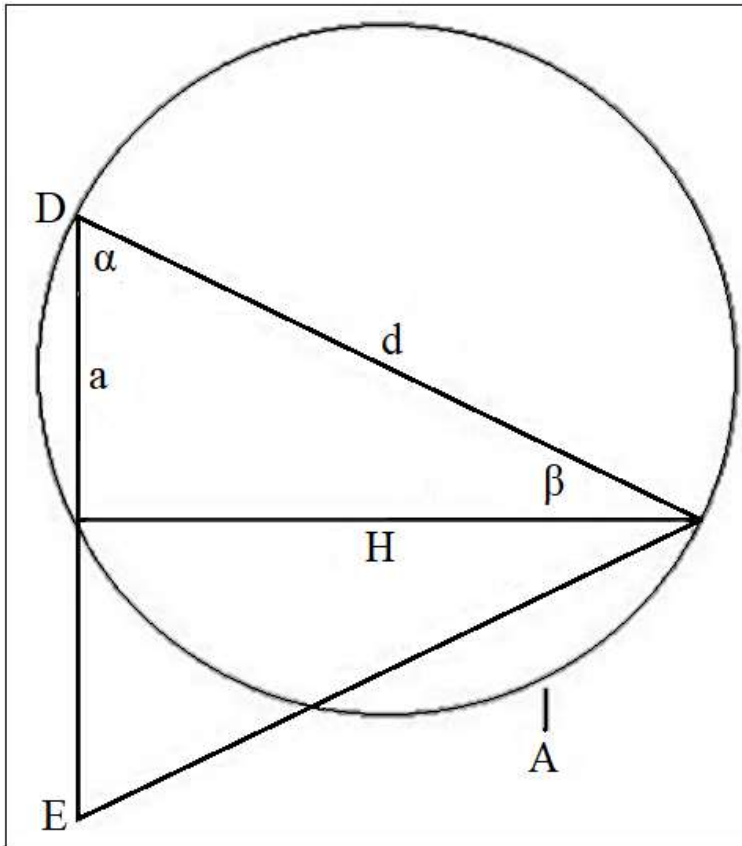


Figure 68. The ascending angle of the Grand Gallery and the Ascending and Descending Pyramid's passages.

- 1° of latitude is equivalent to about 111 km on earth's surface:

5718.107532 km = 51.51448227° = position of Greenwich north from the Equator (Millennium Dome in Greenwich: 51.5028° N).

- The length of the first base of the Great Pyramid is 231.92867 meters. The Great Pyramid shows that the Earth's equator is 40,077.27418 km long. The distance between the Pyramid Meridian and the Prime Meridian is $31.13513514^\circ = 3456$ km on a spherical Earth (the Earth's perfect circle):

$40,077.27418 : 3456 = 11.5964335$ km = 11,596.4335 meters = 50×231.92867 meters.

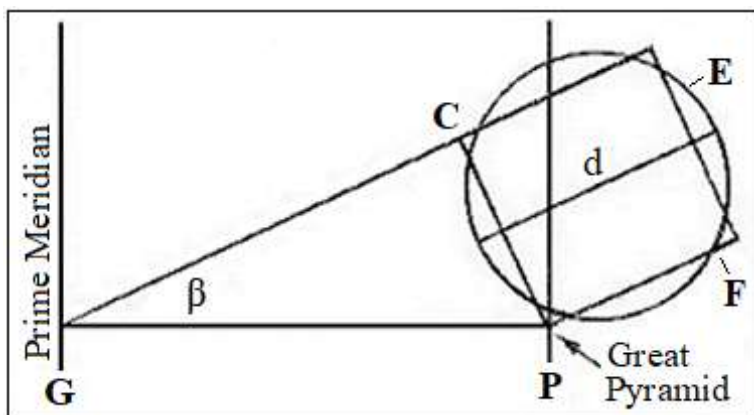


Figure 69. *The distance between the prime Meridian and the Pyramid Meridian.*

- $GP = 31.13513514^\circ = 3456$ km (Figure 69),
- $\beta = 26.30268975^\circ$ = the ascending angle of the Ascending and Descending Pyramid's passages,
- tangent $\beta = 0.494289195$,
- sine $\beta = 0.443113275$,
- $PC = 1531.399479$ km,
- $d = 1728$ km = $GP/2$,
- the Equator of the Earth = 40,077.27418 km

$40,077.27418 : 1728 = 23.192867 \text{ km} = 100 \text{ lengths}$
of the first base of the Great Pyramid.

Earth's equatorial diameter = 12.757,00336 km:

$12,757.00336 : 1728 = 7.382525093 \text{ km}$

$7.382525093 \times 2 = 14.76505019 \text{ km} = 100 \text{ heights of}$
the Great Pyramid.

Considerinall of this, it can be concluded that Sir George Biddell Airy knew all correct measurements of the Great Pyramid and he used these measurements to establish the Greenwich Meridian, the Prime Meridian of the Earth. If he knew this then the International Commission must have also known this because they agreed upon it in 1884. If he did not know, who told him all these measures and proportions of these measures?

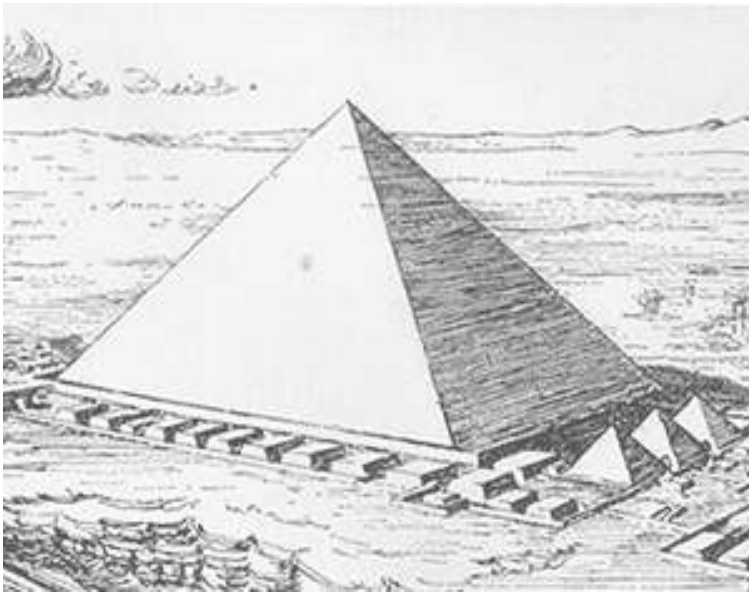


Figure 70. *The Great Pyramid in the ancient time
(artistic drawing).*

THE EARTH AND THE MOON

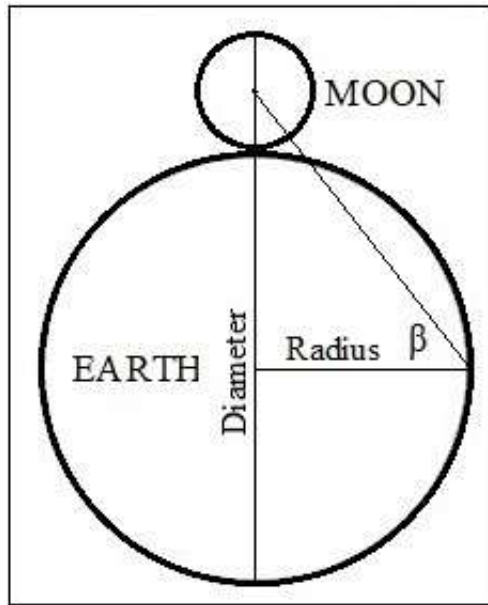


Figure 71. *The Earth and the Moon*

- Each side of the Great Pyramid rises at an angle of $51.85399754^\circ = \beta$
 - $\text{Tangent } 51.85399754^\circ = 1.273240621$
 - $1.273240621 : 10 = 0.273240621$
 - The Moon is 0.273240621 times that of the Earth's size,
 - 1° on the surface of the perfect Earth's sphere = 111 km,
 - The Earth's perfect spherical circle = $360^\circ = 39.960$ km,
 - Radius of the Earth's perfect circle = 6359.836898 km:
- $6359.836898 \times 0.273240621 = 1737.765783 \text{ km} =$
radius of the Moon.

$$1737.765783 : 6359.836898 = 0.273240621 \text{ km}$$

- Circumference of the spherical Earth (perfect circle)
 $= 399,960 \text{ km} : 399,960 \times 0.273240621 = 10,918.6952$
 $\text{km} = \text{circumference of the spherical Moon's circle.}$

SYNODIC PERIOD OF THE MOON

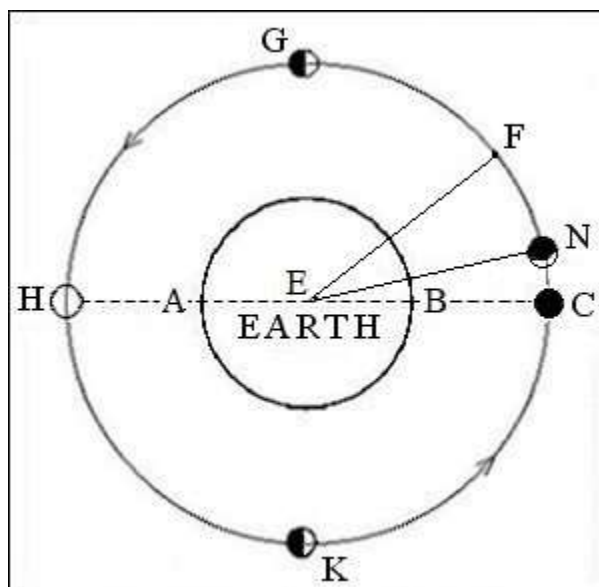


Figure 72. *The Earth and the Moon.*

The time it takes for the Moon to go from one New Moon to the next is called a synodic month, and is 29.53 days on average. Because the orbits of the Earth and Moon aren't circular, and hence the two bodies don't move at a constant speed, the actual time between lunations may range from about 29.27 to about 29.83 days.

Astronomy shows: the synodic period of the Moon (lunar month, lunation) = 29.530889 days (average). The Great Pyramid shows that the Moon's average synodic period (lunar month, lunation) = 29.53010038 days (circular period of the time in days: **NGHKCN**).

- Equator of the Earth = 40,077.27418 km:

a) $40,077.27418 : 29.530889 = 1357.130636$ km: *in order to travel 1357.130636 km for one day, an object would have to move at 1570.753051 cm/sec, or 1.570753051 dam/sec (1 dam = 1 decametre = 10 meters):*

$1.570753051 \times 2 = 3.141506102 \approx \mathbf{\Pi}$ (counting with the Pyramid's number of number 29.53010038 days we get exactly 3.14159).

1357.16688 km/day or 1.570795 dam/sec on the surface of the Earth is the distance **CN** (*Figure 72*).

- **C** = Moon conjunction
- **N** = first crescent
- **H** = full Moon
- The Great Pyramid: the Moon's synodic period = **NGHKCN** = 29.53010038 days:

$$29.53010038 : 2 = 14.76505019 \text{ days}$$

14.76505019 decametres = architectural height of the Great Pyramid.

- Height of the Pyramid = 147.6505019 meters:

$$200 \times 147.6505019 \text{ meters} = 29.53010038 \text{ km}$$

- Equatorial diameter of the Earth = 12,757.00336 km:

$12,757.00336 \times 29.53010038 = 37,6715.5898$ km
= distance from the surface of the Earth to the surface of the Moon (**BC**, *Figure 72*).

- Radius of the Earth = 6378.50168 km
 - Radius of the Moon = 1737.765783 (≈ 1738) km:
- $(37,6715.5898 + 6378.50168) + 1737.765783 =$
 $= 384,831.8573 \text{ km} = \mathbf{EF}$ = it is the average distance from the center of the Earth to the center of the Moon.

THE MOON PHASES

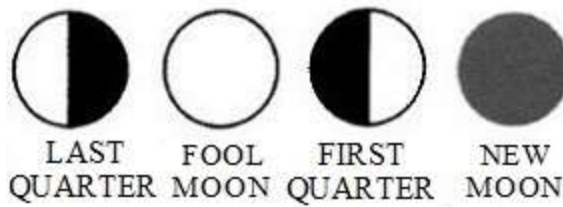


Figure 73. *The Moon phases.*

The Moon passes through four major shapes during a cycle that repeats itself every 29.53010038 days:

1. New Moon
2. First Quarter
3. Full Moon
4. Second Quarter

29.53010038 days : 4 phases = 7.382525095 days for each phase.

7.382525095 days = 177.1806023 hours =
= 10,630.83614 minutes = **637,850.1682** seconds.

The Earth's equatorial radius = **6378.501682** km =
= 637,850.1682 decameters:

1 decameter of the Earth's radius = 1 second of the Moon's orbit:

637,850.1682 seconds = 7.382525095 days = **the time of the one Moon's phase:**

7.382525095 days x 4 phase = **29.53010038** days =
= **a synodic month.**

- Synodic period = 29.53010038 days =
= 2,551,400.673 seconds,

- Great Pyramid rises at an angle of 51.85399754°
Tangent 51.85399754° = 1.273240621

2,551,400.673 : 1.273240621 = 2,003,863.709 seconds = 33,397.72848 minutes = 556.6288081 hours = 23.192867 days = in decameters the length of the first Pyramid's base.

- Lunar (synodic) month = 29.53010038 days.
- Lunar year = 354.3612044 days (according to official astronomy = 354.367056 days),
- Earth's Equator = 40,077.27418 km

40,077.27418 : 354.3612044 = 113.09724 km

113.09724 km : 360.000 = 0.000314159 km = 3.14159 dam (decameters).

THE SUN - EARTH - GREAT PYRAMID

- The average distance from Earth to the Sun = 149,597,870 km = 1 AU (Astronomical unit),
- Earth's yearly orbit around the Sun = 939,950,345 km,
- Equatorial diameter of the Earth = 12,757.00336 km:

939,950,345 : 12,757.00336 = 73,681.12389 km

- Mean solar tropical year = 365.242 days (365 d, 6 h, 9' 9,504"):

73,681.12389 : 365.242 = 201.7323415 km

- The height of the Great Pyramid = 0.1476505019 km:

201.7323415 x 0.1476505019 = 29.78588148 km/sec = 18.5088857 miles = the Earth's mean orbital speed.

12,757.00336 : 365.242 = 34.9275367 km: *in order to travel 34.9275367 km in one day a certain object needs to move with a speed of 40.4253897 cm/sec.*

40.4253897 cm = 0.63662031 sacred cubits = tangent of the 32.48165854° = the angle of the King's Chamber north channel.

- The average distance from Earth to the Sun =
 = 149,597,870 km = 5,889,679,921,259.843 inches:
*if one object within one day (24 hours) crossed the
 length of 5,889,679,921,259,843 inches, it was mo-
 ving at a speed of 68,167,591,68125 inches per se-
 cond.*

- Earth's average orbital speed is 29.78588148 km/s =
 = 1,172,672.4984252 inches per second:

68,167,591.68125 : 1,172,672.499212 =
 = 58.13011883 inches = $1/10^{\text{th}}$ of the Pyramid's height.

GEOMETRICAL SCHEME OF THE UNIVERSE

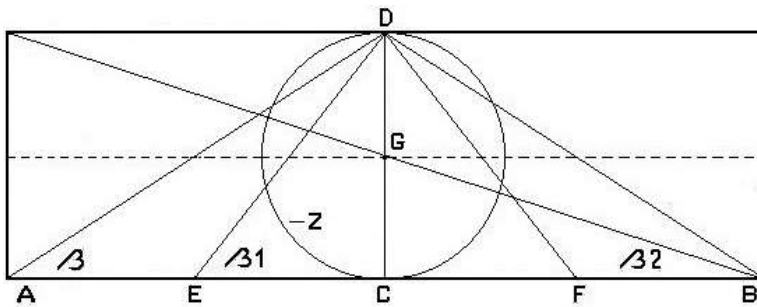


Figure 74. *The Great Pyramid: Architectural plan of
 the Earth and of the all sphere in the Universe.*

Circle **Z** = 40,077.27418 km = circumference (*length*)
 of the Earth's equator.

- **B1** = 51.85399754° = the Great Pyramid's angle of ascent,
- Tangent 51.85399754° = 1.273240621
- **CD** = 12,757.00336 km = the Earth's equator

12,757.00336 : 1.273240621 = 10,019.31854 km
 = 1/4 of the Equator = **AE = EC = CF = FB**

- **β** = 32.48165854° = the angle of the King's Chamber
 northern channel,

- Tangent $32.48165854^\circ = 0.63662031$

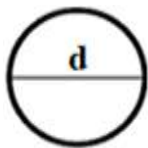


Figure 75.

- **AC** = 20,038.63709 km = **CB**
- **AB** = 40,077.27418 km = length of the Earth's equator,
- **β_2** = 17.65680115°
- Tangent $17.65680115^\circ = 0.318310155 = 1 : 3.14159 = d$ (Figure 75).



Figure 76. The Giza plateau.

ONE TREN

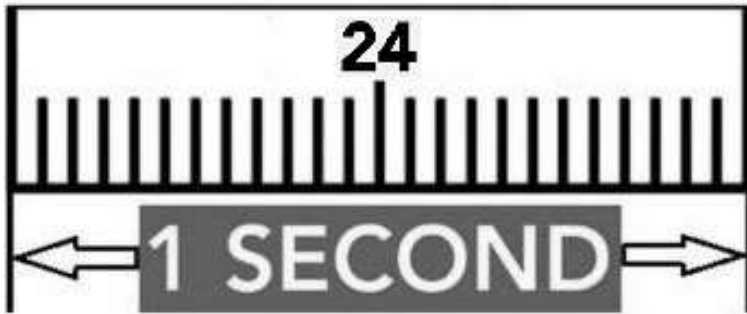


Figure 77. One (1) tren.

In a normal watching the human eye can see 24 pictures and that is 24 trens (Serbian “tren” means “moment”): 1 second = 24 trens.

The base unit for time is the tren:

- 24 trens = 1 vid (eyesight) = 1 second,
- 1 tren = 0.041666666 seconds

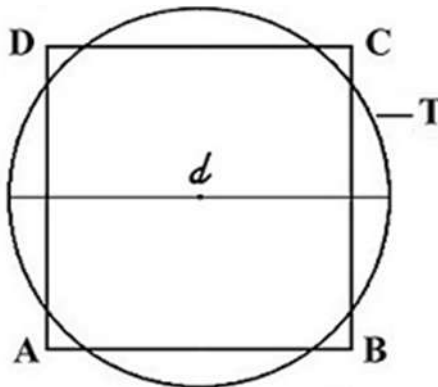


Figure 78.

- $d = 1$
- circumference of the Circle $T = 3.14159 = \text{Pi}$
- area of the Circle $T = 0.7853975 = \text{area of the Square } ABCDA,$

- **AB** 0.886226551

- 1 tropical year = 365.242 (days),

- length of the King's Chamber = 412.1316378 (inches).

$365.252 : 412.1316378 = 0.886228551 = \mathbf{AB} = \mathbf{BC} = \mathbf{CD} = \mathbf{DA}$

- $\frac{1}{2} \mathbf{AB} = 0.443113275 = \sin 26.3026897^\circ =$ the ascending angle of the Ascending and Descending Pyramid's passages:

$100 \times 0.443113275 = 44.31132756$ (trens)

- 1 second = 24 trens:

a) $44.31132756 : 24 = 1.846305315$ seconds,

b) $1.846305315 : 0.030771755$ minutes,

c) $0.030771755 \times 2 = 0.06154351$ minutes,

- 1 tropical year = 365.242 days (or about 365.2422 days):

$365.242 \text{ days} \times 0.06154351 \text{ minutes} = 22.47827468$
minutes = 22 minutes, 28.6971384 seconds =
= 0.3746380911 hours = 0.015609912 days:

$365.242 + 0.015609912 = 365.2576099$ days

- Tropical year = 365.2422 days = 365 days, 5 hours, 48 minutes, 46 seconds;

- Sidereal year = 365.2576099 = 365 days, 6 hours, 10 minutes, 57.5 seconds:

“The reason of this ever-increasing discrepancy is this, that the Hindu calendar, as we have seen above, has been hitherto based on the sidereal year, while the return of the seasons depends on the tropical year which, owing to the precession of the equinoxes, is about 22 minutes shorter than the sidereal year.” [1]

“The period of which I have spoken supposes that sidereal year is very nearly equal to $365\frac{1}{4}$; that of

365.2576, days which Albaterius ascribed to the Chaldeans, cannot only belong to times posterior to Hipparchus.” [2]

“Humanity has known of four periods for more than 3000 years. They remain constant within an accuracy of 5 decimal places, and therefore from the basis of the calendars of most human cultures: the sidereal year (365.257 days) (this is the time for the Sun to reappear under the same fixed stars,...” [3]

- 1 tropical year = 365.242 days:

$365.242 \times 0.030771755 = 11.23913743$ minutes = 11 minutes, 14.34824584 seconds.

The sidereal year is the time it takes the Earth to return to the same place in its orbit with reference to the fixed stars. A solar year (also known as a tropical year) is the length of time that the Sun, as viewed from the Earth, takes to return to the same position along the ecliptic relative to the equinoxes and solstices. Because of the “precession of the equinox” the sidereal year is the longer than the solar (tropical): solar year is longer than the tropical for 11 minutes and 14.34824584 seconds.

.....
[1] F. Kielhorn, *Book-Notices: The Luni-solar Calendar based on the Sideral Year, Indian Antiquary, A Journal Of Oriental Research, Volume XIX, Bombay, Education Society's Press, 1890, pg. 258.*

[2] M. Pierre Simon Laplace, *The System Of The World, Vol. II, Book IV, Dublin, The University Press, 1830, pg. 347.*

[3] Sergei Yu. Slavyanov and Wolfgang Lay, *Special Functions: A Unified Theory Based on Singularities, Oxford University Press, Oxford; New York, 2000, p. 204.*

THE SECOND PYRAMID

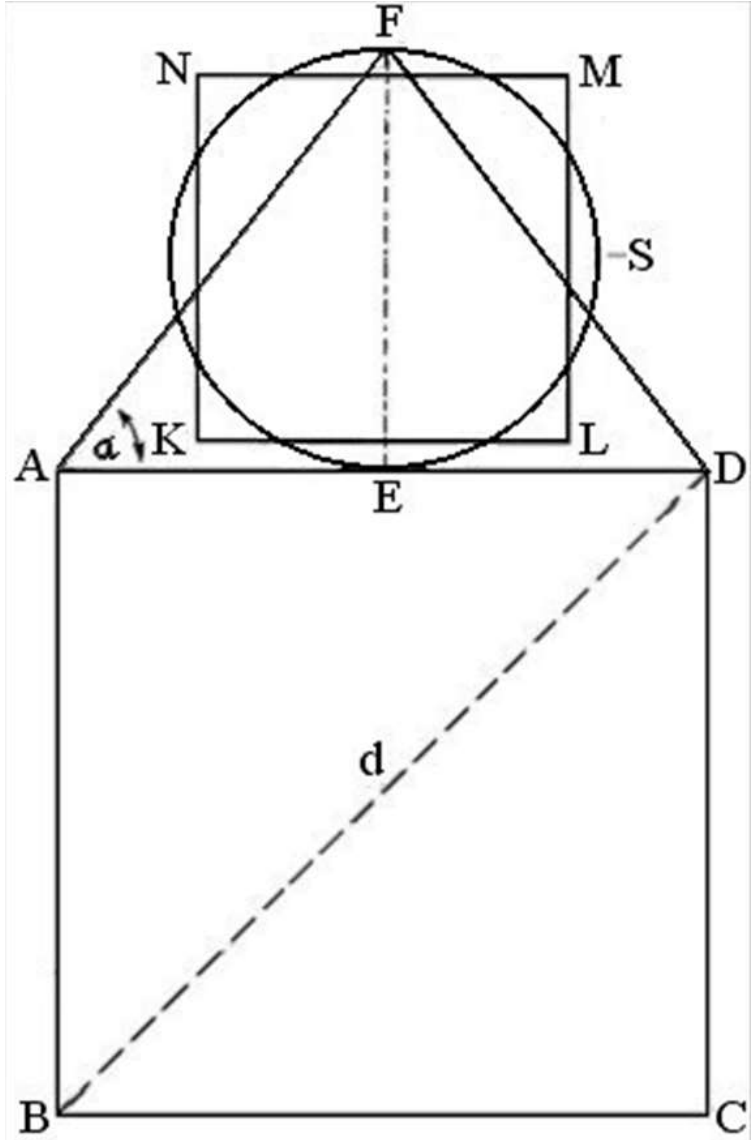


Figure 79. Geometrical symbolism of the Second Pyramid.

- $\alpha = 53.19992278^\circ$
- $AD = 8479.270694 \text{ inches} = 21,537.34756 \text{ cm} = AB = BC = CD,$
- $EF = 5667.221614 \text{ inches} = 14,394.7429 \text{ cm}$
- $d = 11,991.49961 \text{ inches} = 30,458.40902 \text{ cm}$
- $AD = 8479.270694 \text{ inches} = 21,537.34756 \text{ cm} = 215.3734756 \text{ meters.}$

• Two lengths of the first Pyramid's base = 463.85734 meters:

$$463.85734 : 215.3734756 = 2.153734756 \text{ meters}$$

$$2 \times 215.3734756 = 430.7469512 \text{ m}$$

$430.7469512 \times 4.307469512 = 1.85542936 \text{ km} = \text{the length of one minute of longitude at the Equator:}$

• 1 full circle = $360^\circ = 2160 \text{ minutes:}$

• $2160 \times 1.85542936 \text{ km} = 40,077.27418 \text{ km} = \text{the length of Earth's equator.}$

• Area of the circle **S** = $16,274.11347 \text{ m}^2 = \text{area of the square P}$

• **KL** = $127.5700336 \text{ m} = 0.1275700336 \text{ km}$ (the Earth's equatorial diameter is $12,757.00336 \text{ km}$).

Egyptologists attribute this pyramid to pharaoh Chephren (Greek: Χεφρήν). It is a corrupt form of the Egyptian word *kheperu* with meaning *change, transformation*. [1]

.....
[1] E. A. Wallis Budge, *An Egyptian Hieroglyphic Dictionary*, Vo. I, London, John Murray, 1920, p. 542.

THE THIRD PYRAMID

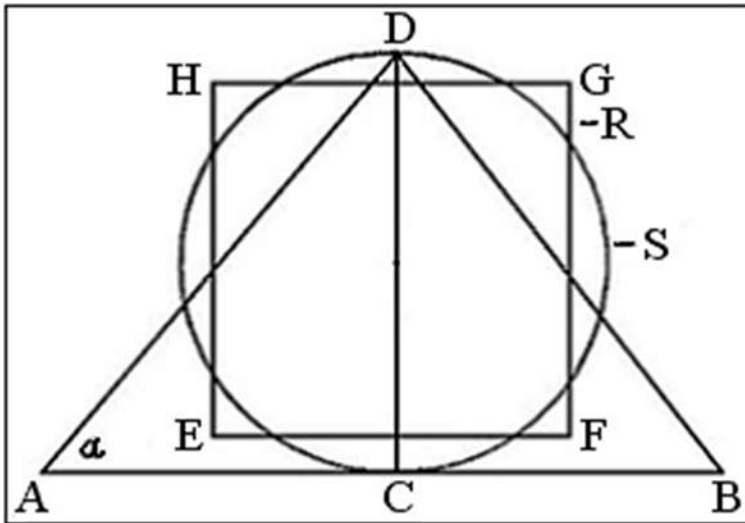


Figure 80. *Geometry of the Third Pyramid.*

- $\alpha = 51.96663833^\circ$
- **AB** = 4154.42733 inches = 105.5224542 meters,
- **CD** = 2655.523657 inches = 67.45030088 meters
- Area of the square **S** = 5,538,470.719 square inches
= 3573.199769 m²
- **EF** = 2353.395572 inches = 59.77624753 meters
- **AB** + **CD** = 6809.950987 inches = 172.9727551 me-
ters:

$$172.9727551^2 = 29,919.57401 \text{ m}$$

The mean diameter of the Earth's orbit around the
Sun = 2,991,957,401 km:

2,991,957,401 : 2 = 149,597,870 km = 1 Astronomical
Unit = the mean distance between the Earth and the
Sun.

THE BENT PYRAMID, DASHUR

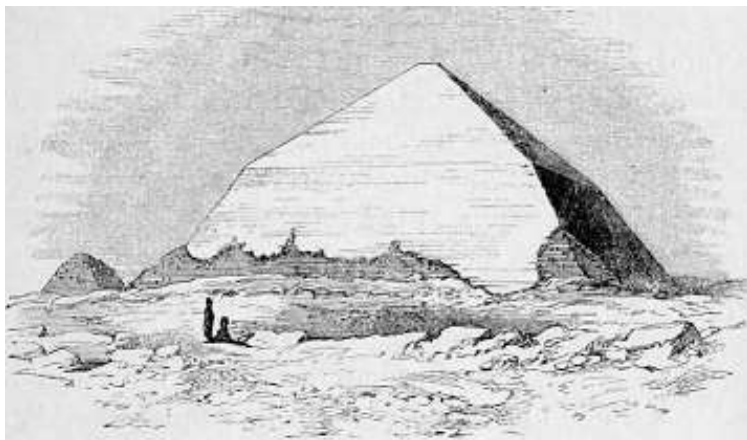


Figure 81. *The Bent Pyramid of Dashur.*

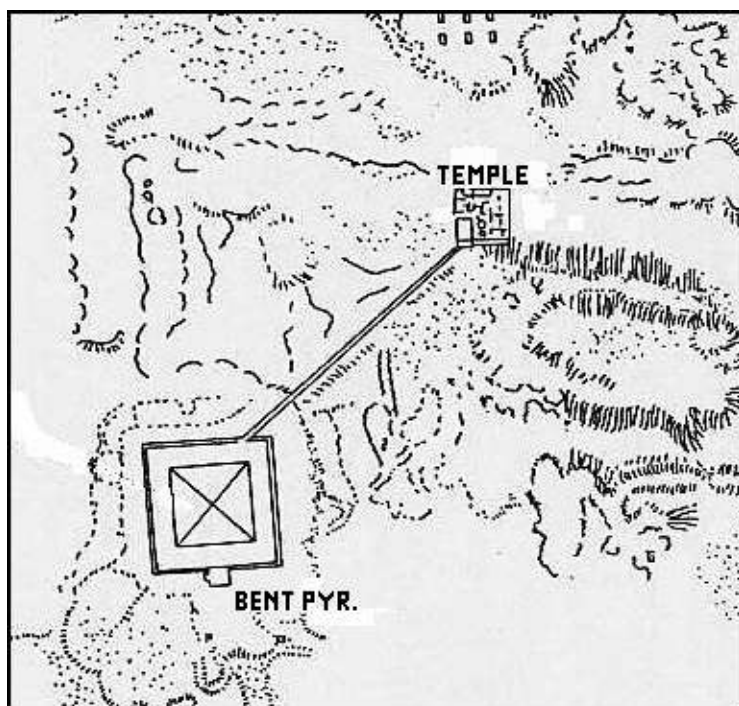


Figure 82. *The Bent Pyramid and the Temple.*

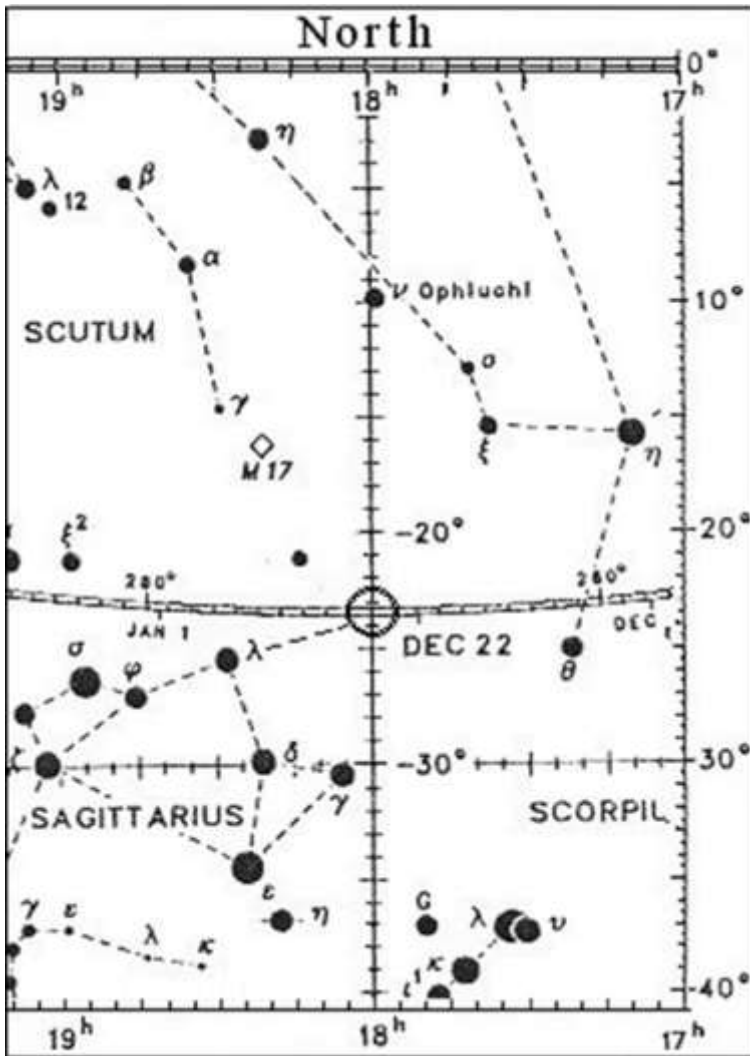


Figure 83. Constellation Sagittarius: Declination -29.790377777° .

The winter solstice is the solstice that occurs in winter. It is the time at which the Sun is appearing at noon at its lowest altitude above the horizon. In the Northern Hemisphere this is the Southern solstice, the time at

which the Sun is at its southernmost point in the sky, which usually occurs on December 22 each year. On this day the Sun crosses the Galactic Meridian.

River Nile is the symbol of Galactic Meridian, Bent Pyramid is the symbol of Sagittarius and the Temple i is a symbol of the Sun during the winter solstice at the time of the end of the world (we live in that time).

THE NUMBERS AS ALLEGORIES AND PARABLES

“Jews of Zoroaster, Sanconiathon, Pherecydes, Syrus, Pythagoras, Socrates, Plato; of all the ancients, that is come to our hand is symbolic. . . . In the method explaining the varios symbols, religion and philosophy were veiled in allegoric representations. . . . These symbols were displayed openly in the temples to the profane altogether obscure, but streaming with beams of light to the Initiated’. (History of Freemasonry and Concordant Orders, p. 83)”. [1]

“Those who instituted the Mysteries, being philosophers, buried their doctrines in myths, so as not to be obvious to all.” [2]

“The great Teachers instructed theis chosen disciples in the higher knowledge and propagated these truths in allegories and parables.” [3]

The great ancient thinkers hid the true meaning of their teachings in allegories and parables, but the meaning of the Great Pyramid and Solomon's Temple is coded in its dimensions. For example, we take the measure of the Antechamber whose length is

116.2602377 inches and we will multiply them by the numbers of the Temple of Solomon:

- Portal (high) 120 sacred cubits (SC)
- Length 60 SC
- Height 30 SC
- Width 20 SC

$116.2602377 \times 120 \times 60 \times 30 \times 20 = 502,244,226.9$
inches = 7926.854091 miles = 12,757.00336 km = the
equatorial diameter of the Earth.

Thus it becomes clear that the Antechamber is a symbol for Earth. The Antechamber is in front of the King's Chamber: Antechamber is the Earth, and the King's Chamber is a symbol of Earth and human transformation at the time indicated by the Pyramid. We learn about this in the second part of this book, which reveals the spiritual meaning of the numbers of the Great Pyramid.

.....

[1] Charles H. Vail, 32°, *Ancient Mysteries And Modern Masonry*, First edition, New York City, Macoy Publishing and Masonic Supply Co., 1909, p. 22.

[2] *Ib.*, p. 21.

[3] *Ib.*

Chronology of the Great Pyramid

PART TWO
(Spiritual meaning)

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“A just weight and balance are the LORD's: all the weights of the bag are his work.” (Proverbs, 16, 11)

WHY WAS THE GREAT PYRAMID BUILT



Figure 1. *The Great Pyramid of Giza.*

Through many millennia lots of earthquakes shook the Great Pyramid. Current physical condition of the Great Pyramid does not correspond exactly to its original building. At the present time, the ancient building of the Great Pyramid can't be accurately measured and it doesn't show the architect's full plan, but with a mathematical reconstruction using real natural facts it can decipher the ideological message of the ancient architects.

Why was the Great pyramid of Giza built? The Great Pyramid is a time capsule which holds ancient wisdom, knowledge about the ancient and modern metrology, knowledge about the size of the Earth, and fundamental but important knowledge about astronomy, with an exact precision which is only in our time established by the modern astronomical science. This is the knowledge about our material physical world. The numbers and the measurements of the Great

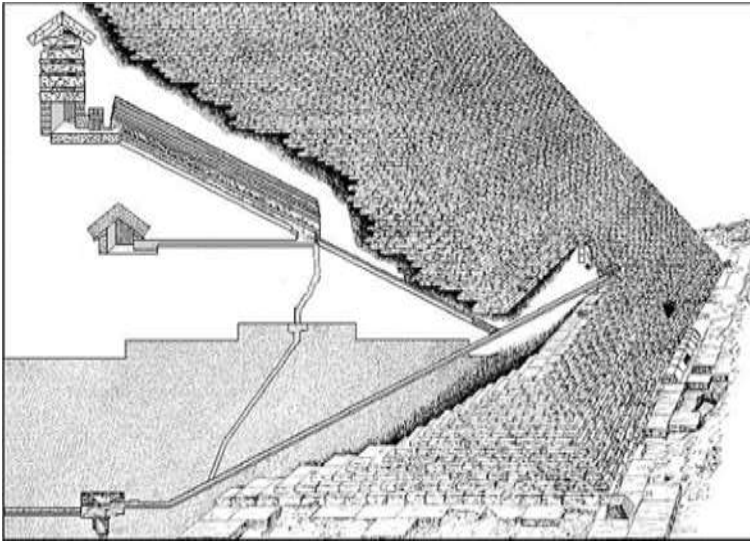


Figure 2. Sectional drawing of the interior of the Great Pyramid (Courtesy of Howard B. Rand, author of *"The challenge of the Great Pyramid"*, Destiny Publisher, Merrimac, Mass. 1880).

Pyramid also hold and show the knowledge of future events and show the major historical moments of human history: creation of the world, the time when the Pyramid was built, the great biblical flood, the birth of the Messiah, His suffering, resurrection and his second coming to Earth. This is the knowledge about our spiritual world.

"This has been done of the Lord; and it is wonderful in our eyes." (Psalm, 118:23)

The Great Pyramid at Giza, Egypt, is the largest stone building ever constructed on Earth. The Great Pyramid is located at the center of the land mass of Earth. The architect had advanced science and geography data and knew the size and shape of the continents on a global scale.

THE BOOK OF THE PYRAMID

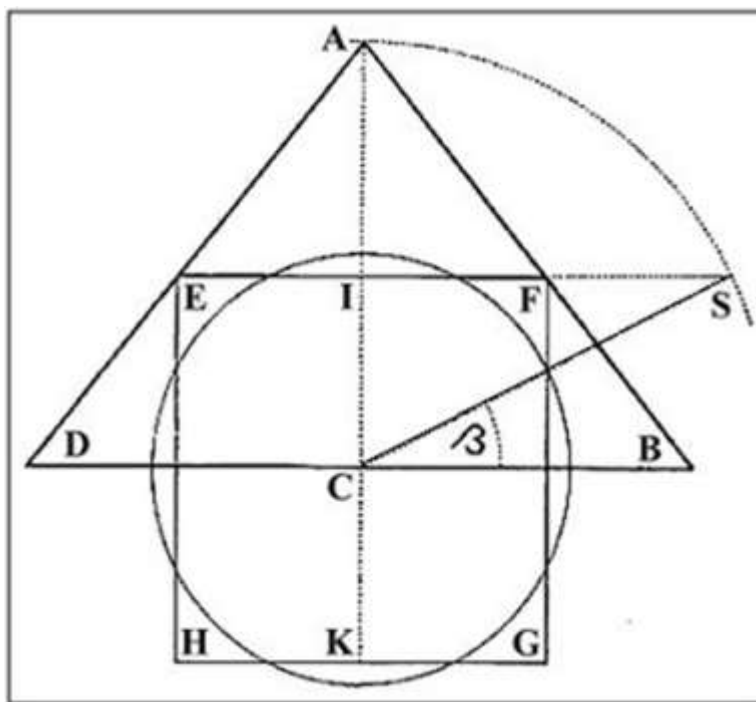


Figure 3. *In the measures of the Great Pyramid also are coded spiritual messages for the humanity.*

The Great Pyramid is a great artwork, artworks of all time and as every artwork it has its own external form and internal thought content, physical form and internal idea message about the world, about a man and his role and the purpose of man's existence.

The Great Pyramid is a book of perfect architecture, the book of mathematics, especially from geometry, the book of geography and astronomy, book of history, genealogy, religion and futurology; the Great pyramid is the book of the stone and the book in the stone, monumentally magnificent object for astonishing

viewing and a mysterious painting for reflection, the book of science and the Holy Temple of faith for the spiritual realization, understanding and approaching to the Creator.

“Because of the mystery of its construction, and especially because of the significance and prophecies that are associated with each measurement, each passageway, each chamber, and each little incident of its design and completion we shall look into this matter more thoroughly.” [1]

“Within the Pyramid all of its halls, rooms, and passageways reveal in their form and relationship to each other and to the Pyramid itself, and its relationship to the earth and the heavens, certain other significant features, and these have to be worked out very carefully using the units of measurement as a scale of years for determining past and future events.” [2]

.....
[1] Harvey Spencer Lewis, *The Symbolic Prophecy of the Great Pyramid*, Rosicrucian Library, Vol. XIV, Supreme Grand Lodge of Amorc, Printing and Publishing Department, San Jose, California, 1939, p. 84.

[2] *Ibid.*, p. 101.

THE MESSAGE OF OUR ANCESTORS

"We address to you people and peoples, to you sons and daughters of distant future of the Earth! We, your heavenly cousins and your ancestors from the beginning of the world who built this pyramid, We leave to you this Pyramid's messages, to you, to our cousins and our descendants which will live at the end of the your world.

We leave the Pyramid to your eyes, to your mind and to your hearts: to eyes for watching and wondering, to mind for wisdom and knowledge and to your hearts to live with love and understanding.

We know the past, we know the present, we know the future; we know when this world has become, we know the duration of the world and we know when this world will disappear. When the time comes, when the first fruit begins to grow on the tree of knowledge, when people misuse knowledge and begin to violate God's laws of the nature and when your Mother Earth begins to get angry and shake because of your corrupted heart and selfish greed, then the end of your world will come. Then the light will be saved, and the darkness will be destroyed.

When the time comes, this Pyramid will tell you what it was, what it is and what it will be. So, hear our messages written in the Pyramid, and do not be foolish, but with wise guidance direct your effort to light, become light, because you will only come to the immortal heavenly world in the light image."

CREATION OF THE WORLD

One day of the Biblical creation corresponds to one day on the base of the Great Pyramid. The base of the Great Pyramid shows the time from the beginning of Creation to the Biblical Flood (*Figure 4*):

A = the beginning of the Creation:

- Day first = May 6, 10,000 BC;
- Second day = May 7;
- Third day = May 8;
- Fourth day = May 9;
- Fifth day = May 10;
- Sixth day = May 11;
- Seventh day = May 12;
- 5718 years = genetic creation of Adam.

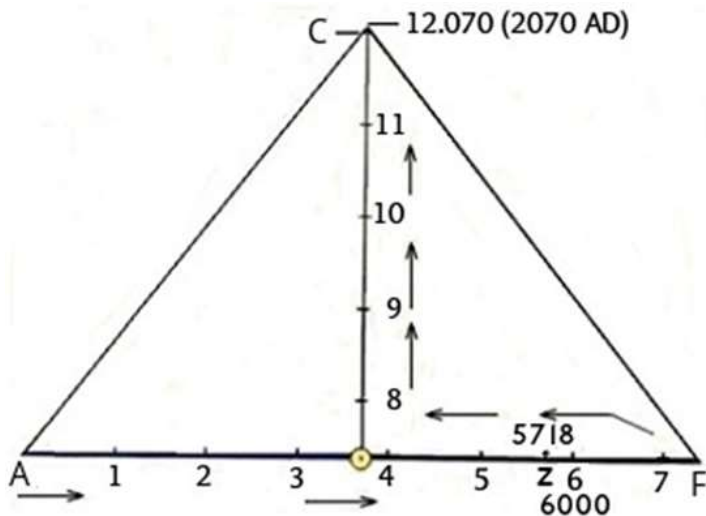


Figure 4. The Great Pyramid and the total time of Earth.

A1 = 1000 years;

AF = time of the Biblical Flood = 7374.882 years from the

end of the Creation = 1656.882 years from the creation of Adam.

The height of the Great Pyramid shows the time from the Biblical Flood to the to the time of the transformation of this world:

8 = 8000 years from the beginning of the Creation;

9 = 9000 years;

10 = 10,000 years = the time from the beginning of the Creation to the Christian era;

11 = 11,000 years;

12 = 12,070 years = 2070 AD;

FE (vertical distance) = 4694.99967 years;

AFE = 7344.882 + 4694.99967 = 12,069.88167 years

CREATION OF THE SUN

The precession of equinox is a natural phenomenon that occurs due to the difference in the length of the tropical and sidereal years. As a result, the Sun moves backwards through the zodiac signs with an annual turn of 50.291 arc seconds per year:

• 50.291 arc seconds = 0.838183333 arc minute =
= 0.013969722 degrees.

The Great Pyramid says that God created the world 12,000 years before 2000 AD:

$12,000 \times 0.013969722^\circ = 167.6366667^\circ$

In our time, the first day of the summer, the summer solstice, occurs when the Sun is precisely on the border between Taurus and Gemini on June 21. It is +23.5 degrees of declination (DEC) and 6 hours of right ascension (RA). When we count 167.6366667° from today's position of the summer solstice, we get the 11 hours, 10 minutes and 32.8 seconds of right ascension

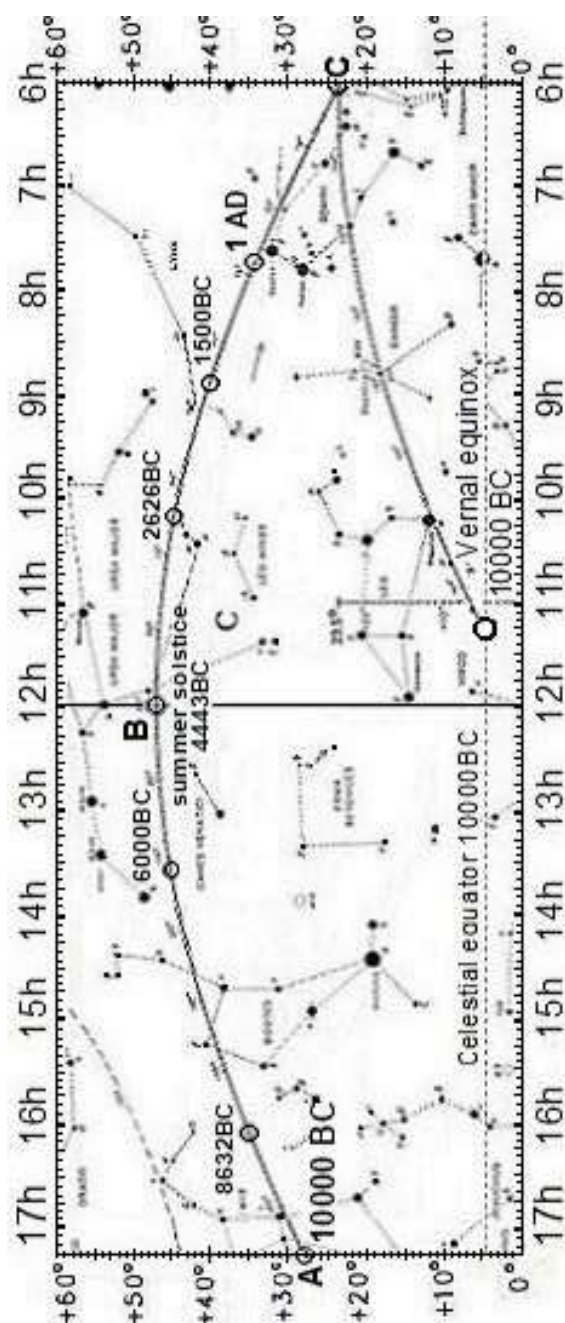


Figure 5. Creation of the Sun and the positions of the Sun through millennia.

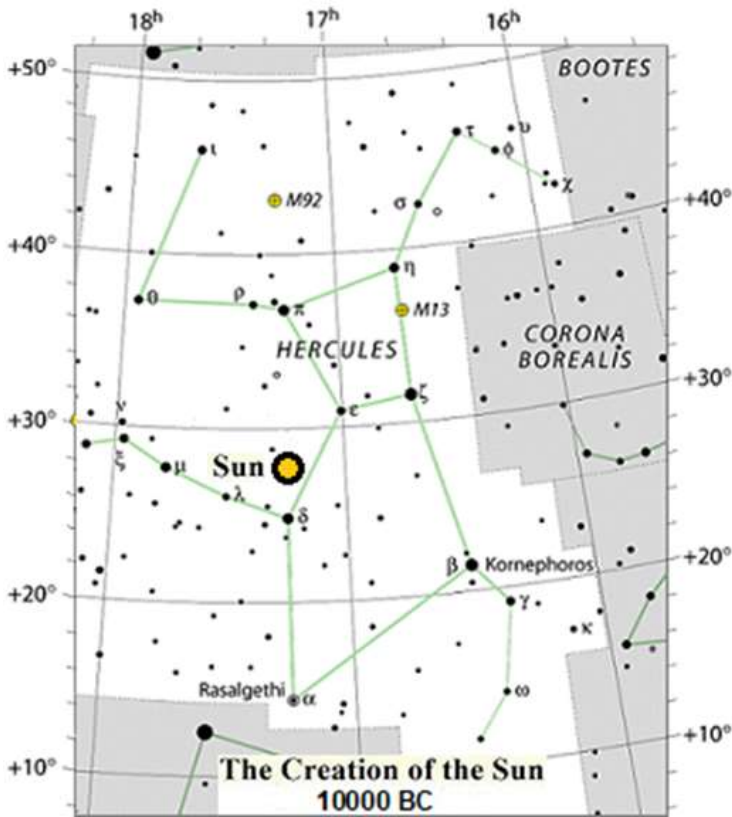


Figure 6. The Sun was created in the constellation Hercules 10,000 BC.

and +28 degrees of declination in the constellation Hercules. (Figure 5-6). That is the position of the newly created Sun in the fourth day of the creation of the world (that position today is at 17 hours, 10 minutes and 32.8 seconds of right ascension). It was the first summer solstice on the newly created Earth. From that day to the first winter solstice is half a year or 182.621 days.

We do not know what the atmospheric differences were in the annual seasons before the biblical flood, but we know the beginnings of the seasons.

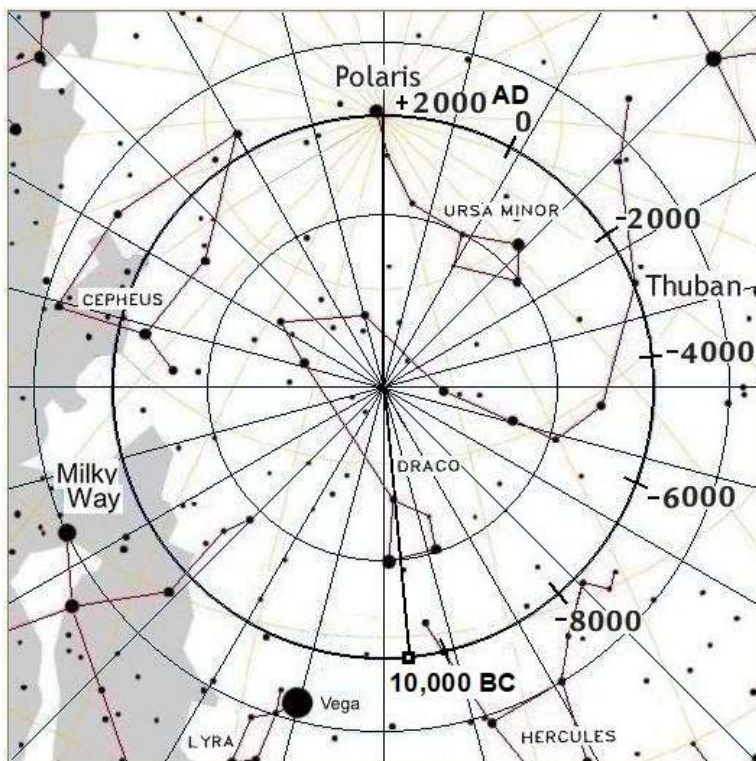


Figure 7. For a period of 12,000 years from the beginning of the creation of the world until 2000 AD, the Earth's celestial pole moved 167.6366667° .

The annual season at the time of the creation of the world (counting on the Julian calendar) began on the following dates:

- Spring begins on the spring equinox: June 10;
- Summer begins on the summer solstice: September 10;
- Fall (autumn) begins on the fall equinox: December 10;
- Winter begins on the winter solstice: March 10.

THE EARTH BEFORE AND AFTER THE FLOOD

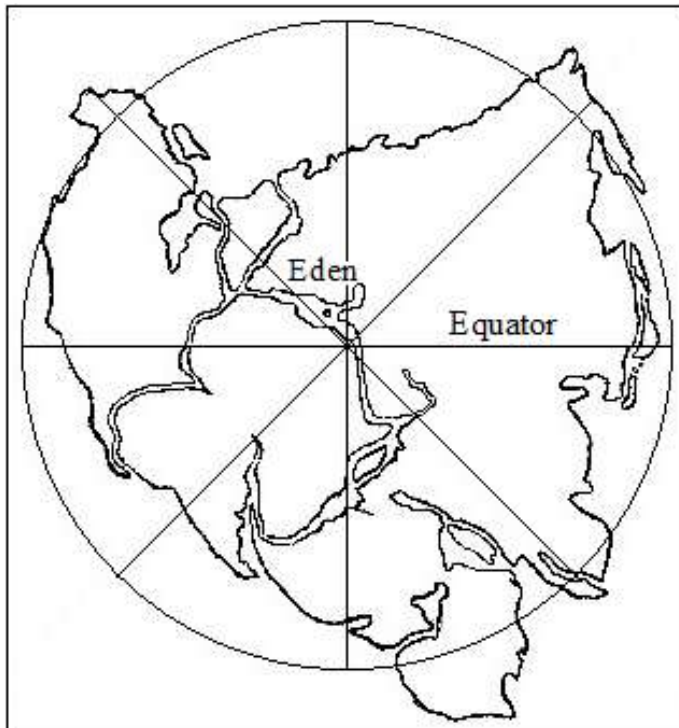


Figure 8. *The Great Pyramid on the geographical centre of the land surface of the whole world.*

Because of tectonic displacements, volcanoes and large deposits of mud and sand during the Biblical Flood, there was a change in the terrain in some places of the Earth. The growth of the Earth and the rapid withdrawal of the submerged water through the soft surface of these deposits the rivers were dug their gorges and then many canyons were created, such as the famous Colorado River Grand Canyon in Arizona.

With the growth of Earth at the end of the Flood the distance between the continents has risen and from that time there are all those large cracks between the

continents.

The Earth measures today:

- a)** Equatorial diameter = 12,757.00336 km
- b)** Length of the equator = 40,077.27418 km

The size measurements of the Earth before the Flood and the measures after the flood are symbolically written in the height of the Great Pyramid: in relation to the Earth before the Flood and Earth at the end of the Flood, the size of the Earth is increased to 2,953010038 times and it is the same number as the 50th part of the height of the Great Pyramid, or 20 Pyramid's height in kilometers:

$$4320 \times 2.953010038 = 12,757.00336 \text{ km}$$

The Great Pyramid was built before the Flood. It is located exactly on the previously equator at the exact center of the Earth's land mass.

THE CODE OF THE GREAT PYRAMID

Time can be shown in the measurements of length and volume. The Bible and the Great Pyramid lead us to these measurements.

- 1 sacred cubits $\times$ 63.5 cm $\times$ 31,798.06102 cm = 2019,176.875 cm = 20.19176875 kilometers (km). This is the symbol of 20.19176875 years of the human history:

31,798.06102 cm = 40,000th part of the Earth's diameter in a north-south direction.

- The base of the Great Pyramid is 365.242 sacred cubits long:

$(365.242 \times 63.5) \times 31,798.06102 = 7374.882$ years from the beginning of the Creation to the Great Flood.

- The height of the Pyramid is 232.5204754 sacred cubits = 4694.999668 years from the Great Flood the time of the transformation of this world.

- When the base of the Pyramid and its height are added together, we get the total of 597.7624754 sacred cubits = 12,069.88167 years from the beginning of the Creation to the time of the transformation of this world (2070 AD).

- The length of the first Pyramid base = 365.242 sacred cubits; from the beginning of the Creation to the Biblical Flood = 7374.882 years:

$7374.882 : 365.242 = 20.19176875$ years by the length of every single sacred cubit.

LOUVRE GLASS PYRAMID



Figure 9. *The Louvre Glass Pyramid: the water in the fountain is up to the glass line.*

The example where time calculated by using the measurement of length is the Louvre glass pyramid (Paris, France): completed in 1989 in honour of 200 years of the beginning of the French Revolution: 14 July 1789 AD = 1788.537 years from the Christian era is 88.5775299 sacred cubits:

- 1 sacred cubit = 20.19176875 years:

$1788.537 : 20.19176875 = 88.5775299$ sacred cubits.

88.5775299 sacred cubits = 2214.438248 inches = 184.5365206 feet = 56.24677333 meters = the sum of the base and the height of the Louvre glass pyramid (from the surface of the water in the fountain).

MEASURING TIME BY THE MEASURE OF LENGTH

On the architectural plan of Washington DC (Washington, District of Columbia) it is possible to see an example where time calculated by using the measurement of length.

The length of each side of the square of Washington DC (Washington, District of Columbia) is 10 miles or 16.09344 km. Now, we'll find out what's "stored" in a 10 miles square of Washington DC.

The Constitutional Convention (also known as the Philadelphia Convention), took place from May 14 to September 17, 1787.

On May 14 George Washington was unanimously elected president of the Convention. The Convention legally established a strong federal government with a President as the Chief Executive. The Chairman of the Convention, George Washington, should be the



Figure 10. Washington D.C.

first person to be the National Executive under the Constitution.

From the beginning of the Christian era until May 14, 1787 it has passed 1786.371664 years or 652.457.9593 days. The length of each side of the square of Washington DC is 10 miles = 16.09344 km = 16,093.44 metres = 1,609,344 centimetres. Let's see:

- 14 May 1787 = 1786.371664 years;
- each side of the square of Washington DC (the District of Columbia) = 10 miles = 1,609,344 centimetres:

$$1,609,344 : 652.457.9593 = 2.466586509 \text{ cm}$$

From this account it follows that **each day**, as a unit of time, corresponds to a length of **2.466586509 cm**.

"The span of my years is nothing before you."
(*Psalm 39:5*)

Here we will also measure the exact length of Biblical span by using the length of tropical year (365.242 days) and those 40 days mentioned in the Bible:

- $365.242 : 40 = 9.13105 \text{ days}$:

- **1 day = 2.466586509 cm**:

$$9.13105 \text{ days} \times 2.466586509 = 22.52252474 \text{ cm} = 8.867135726 \text{ inches} = \text{Biblical span (English spans} = 22.86 \text{ cm} = 9 \text{ inches)}.$$

MEASURING TIME BY THE VOLUME

- $1 \text{ day} = 2.466586509 \text{ cm}$;
- $2.466586509^3 = 15.0068332 \text{ cm}^3$ (cubic centimeters) = **0.015006833 liters = 1 day**;

- $365.242 \text{ days (one year)} = \mathbf{5.481125699 \text{ liters}}$;

Since the beginning of the creation of the world to the transformation of the world the Great Pyramid has been showing 12,069.88167 years:

- $1 \text{ year} = 5.481125699 \text{ liters}$;
- $12,069.88167 \text{ years} = 66,156.5386 \text{ liters}$.

Let's take a look at this:

"And so, Solomon made everything by using the God's plan: temple and all things for the temple. He made the bronze Sea: It held 3000 baths."

(*2 Chron. 4:2-6*)

$66,156.5386 : 3000 = \mathbf{22.05217953 \text{ liters} = 1 \text{ bath} = 1 \text{ ephah}}$ (*ephah*, a word of Egyptian origin, meaning *measure*).

The the Solomon's molten sea was a large, bronze water reservoir set on the backs of twelve bronze oxen and placed in the court of Solomon's temple

This means that the Great Pyramid and Solomon's sea mark and indicate same measurement of time: 12,069.88167 years.

PRECISION OF THE MEASUREMENTS

In order to check the correctness of these mentioned measures, we can use the key of the Great Pyramid. That key is the axis of the Entrance of the Pyramid and the Coffin of King's Chamber.



COFFER

Figure 11. *The Coffin of King's Chamber*

The measurements of the Coffin (in inches):

- Length = 89.80544
- Width = 38.50236
- Height = 41.21316

Volume: 142,503.8673 cubic inches:

- 1 cubic inches = 16.3871 cm³;
- 1 cm³= 0.0610237cubic inches;

a) $142,503.8673 \times 16.3871 = 2335.225124$

b) $142,503.8673 : 0.0610237 = 2335.221681$ liters

- 1 year = 5.481125699 liters:

2335.225124 liters = 426.0484529 years =
= $155,610.789$ days.

The entrance axis is turned east from the main north-south axis by 286.4690182 inches, and the Coffin of the King's Chamber has an external volume of 2335.225124 liters $155,610.789$ days = $383,827.4729$ cm = $151,113.1783$ inches.

$151,113.1783 : 286.4690182 = 527.5026921$ inches
= 21.10010768 sacred cubits:

- 1 sacred cubit = 20.19176875 years:

21.10010768 sacred cubits = 426.0484949 years. On the Earth everything is measured in gold. Gold is used in checking all measurements:

- 1 ephah = 22.05217953 liters;
- specific gravity of gold is 19.32 g/cm³;
- volume of the Pyramid Coffin = 2335.225124 liters:

$2335.225124 : 19.32 = 120.8708656$ liters

- 1 year = 5.481125699 liters:

$120.8708656 : 5.481125699 = \mathbf{22.05219735 \text{ years}}$

22.05219735 liters of gold x $19.32 = 426.0484528$ kg

$2335.225124 \times 19.32 = 45,116.5494$ kg

$45,116.5494 : 426.0484528 = 105.8953485$ kg

$105.8953485 : 19.32 = \mathbf{5.4811257 \text{ liters} = 1 \text{ year}}$

$\mathbf{22.05219735 \text{ years} = 8054.388665 \text{ days} =}$
= 120.8708656 liters

- Specific gravity of gold is 19.32 g/cm³.

How many kilos we have in 120.8708656 liters of pure gold? Here is the answer:

$120.8708656 \times 19.32 = \mathbf{2335.225123 \text{ kg}}$ = the weight of 2335.225124 liters of pure water = the volume of the Coffin in the King's Chamber.

Small inaccuracies occur after the fourth decimal and the fifth digit is almost negligible.

ONE GOLD KARAT

One *gold karat* is $1/24$ part or 4.166666667 percent of gold in any material. Pure gold is called 24 karat.

- 1 kg of material = 1.000 grams;
- 1 golden karat = 24th part of 1000 grams =
= 41.66666667 grams

Let's see according to what scheme gold karat has been created: one year of 365.242 days (according to the Great Pyramid) = 5.481125773 liters of water.

We should now take this number of liters as a number of days:

$$365.242 : 5.481125773 = 66.66363107 \text{ days,}$$

- 1 day = 0.015006833 liters:

$$66.66363107 \text{ days} \times 0.015006833 = 1 \text{ liter} = \\ = 1000 \text{ grams of water at temperature of } 4^{\circ} \text{ C:}$$

$$1.000 : 24 = 41.66666667 \text{ grams} = 1 \text{ gold karat:}$$

$$5.481125773 \text{ gold karats} \times 41.66666667 \text{ grams} = \\ \text{grams} = 22.83802406 \text{ grams:}$$

$$22.83802406 \text{ grams} : 0.015006833 = 15.21841688 \\ \text{days} = \text{one half of a month.}$$

“Now the weight of gold which came in to Solomon in one year was 666 talents of gold,....”

According to rabbi Solomon ben Isaac (Shlomo Yitzhaki) known as Rashi, the biblical shekel weighed 14.6 grams (*Shemos 21:32*). By the sacred geometry 1 shekel weighed 14.58714472 grams:

$$666 \times 14.58714472 = 9715.038381 \text{ grams} = \\ = 9.715038381 \text{ kg:}$$

$$\bullet 1 \text{ year} = 5.481125773 \text{ kg (liters):}$$

$$9.715038381 : 5.481125773 = 1.772453102 \text{ years} = \\ = \mathbf{AB = BC = CD = DA} \text{ (Figure 12).}$$

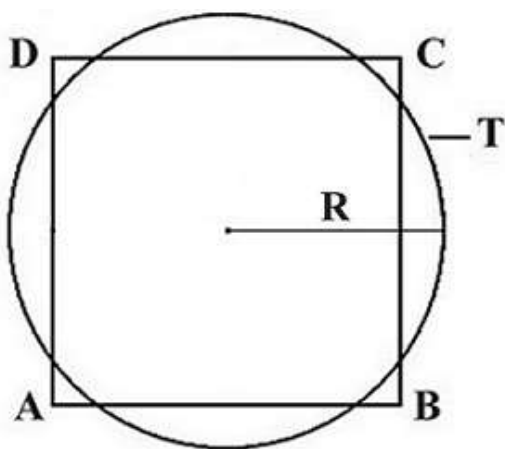


Figure 12.

• surface area of the Square **ABCD** = 3.14159 = surface area of the Circle **T**,

$$\bullet \mathbf{R = 1}$$

ONE BAR

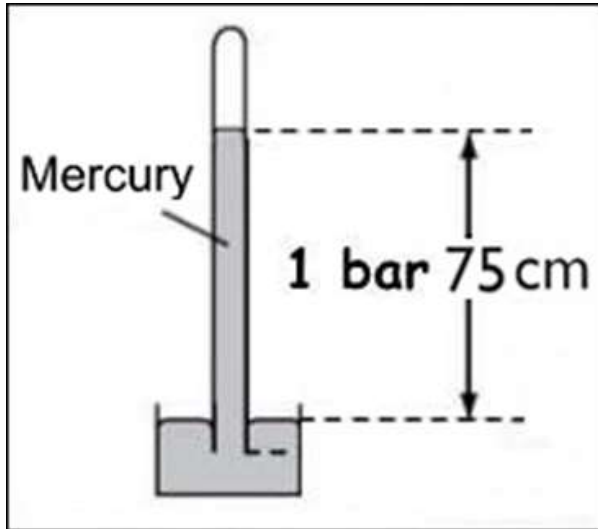


Figure 13. One bar = 75.06 cm.

- 1 atmosphere = 76 cm of mercury column;
- 1 tropical year = 365.242 days;
- 1 month = 30.43683333 days;
- 1 day = 2.466586509 cm;
- 30.43683333 days = 75.07508248 cm = **1 bar**

75.07508248 cm of mercury column (Hg at 0° C) =
= 1 bar.

- 1 bar = 0.98692 atmosphere:

75.07508248 x 0.98692 = 75.99400154 = 1 atmosphere.

ONE YARD

- 1 sacred cubit = 25 inches = 63.5 cm;
- 1 yard = 36 inches = 91.44 cm:

36 : 25 = 1.44 sacred cubits = 91,44 cm = **1 yard**

ONE IMPERIAL BUSHEL

British measurement bushel is one of the measurement that were created with the help of Great Pyramid's measurements:

- 1 Imperial bushel = 36.3687 litres;
- length of the first Pyramid base = 365.242 (sacred cubits);
- height of the Pyramid = 232.5204754 SC:

$$365.242 + 232.5204754 = 597.7624754$$

- 1 day = 2.466586509 cm:

$$5977.624754 \text{ cm} = 2423.440314 \text{ days}$$

- 1 day = 0.015006833 liters:

$$2423.440314 \text{ days} = 36.36815292 \text{ liters} = 1 \text{ Imperial bushel.}$$

ONE QUARTER (UK, LIQUID)

- 1 quarter = 290.94976 liters;
- External volume of the Pyramid's Coffin =
= 2335.225124 liters;
- Internal volume of the Pyramid's Coffin =
= 2335.225124 : 2 = 1167.612562 liters:

1167.612562 liters = 4.01310715 quarters (UK, liquid): the word *quarter* is from old French *quartier*, from Latin *quartarius* which means fourth part:

The Coffin is the basic source of metrology, the science of measurement.

"Honest scales and balances are from the LORD;
all the weights in the bag are of his making."
(Proverbs,16:11)

[illegible]

The first people were created on the sixth day of the creation of the world (in the 6th century from the beginning of creation), and over five thousand years since the beginning of the creation of the world Adam was created (Aliens have created Adam and Eve through genetic engineering).

- 135

According to the Great Pyramid Adam was created 5718 years from the beginning of the Creation.

AC = AE = AF = AG = 5718.10752 km = the number of years from the beginning of the Creation to the time when Eva was created. Eve was created 40th day after the creation of Adam (5718.10752 year). That is complete Adam. They were the product of Alien's knowledge and technology.

Everything that was created of God was created in a moment: he created it, made them! There is no description of the duration of creation, because it was in a moment:

"So God created man in his own image, in the image of God created he him; male and female created he them." (*Gen. 1: 27*)

The man and woman created by God were created at the same time, at the same moment. Adam and Eve were not created at the same time:

"So God created man in his own image, in the image of God created he him; male and female created he them." (*Gen. 1:27*)

"And the Lord God said, It is not good that the man should be alone; I will make him an help meet for him.

And out of the ground the Lord God formed every beast of the field, and every fowl of the air; and brought them unto Adam to see what he would call them: and whatsoever Adam called every living creature, that was the name thereof.

And Adam gave names to all cattle, and to the fowl of the air, and to every beast of the field; but for Adam there was not found an help meet for him.

And the Lord God caused a deep sleep to fall upon Adam, and he slept: and he took one of his ribs, and closed up the flesh instead thereof;

And the rib, which the Lord God had taken from man, made he a woman, and brought her unto the man.

And Adam said, This is now bone of my bones, and flesh of my flesh: she shall be called Woman, because she was taken out of Man."

(Gen. 2: 18:23)

It is perfectly clear that Eva was cloned from Adam.

ADAM'S MONUMENT

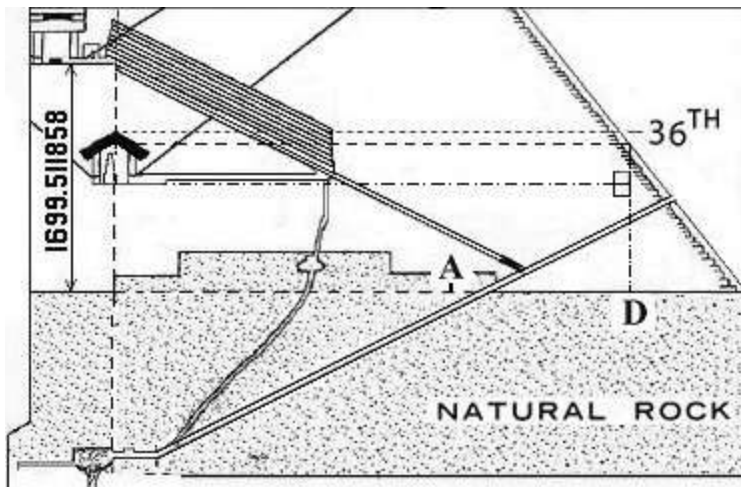


Figure 15. Adam's monument: the Gable stones over the entrance.

In Figure 15 we see the cross-section of the Great Pyramid north-south. From the starting point of the Pyramid base south to the point **A** = 283.1900262 sacred cubits.

- 1 sacred cubit = 20.19176875 years;
- 283.1900262 sacred cubits = 5718.10752 years from the beginning of the Creation to the creation of Adam and Eve.
- **AD** = 46.05837218 SC = 930 years (*Figure 15*);
- **D** = Adam's death: 3352 BC

"When Adam had lived 130 years, he had a son in his own likeness, in his own image: and he named him Seth. After Seth was born, Adam lived 800 years and had other sons and daughters. Altogether, Adam lived 930 years, and then died". (*Gen. 5:2*)

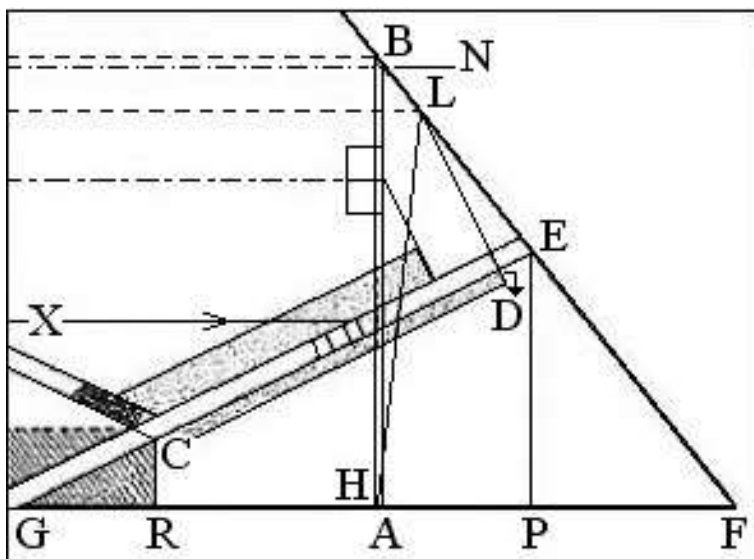


Figure 16. *Directions of the monuments.*

Measures directions of Adam's and Eve's monuments (in inches, *Figure 16*):

- **GC** = 397.4103112
- **CD** = 1046.654269
- **DE** = 92.7884973
- **GE** = 1536.853077

The length of the line of the first Pyramid's base (in inches, *Figure 16*):

- **GR** = 356.2646846
- **HF** = 913.105
- **GH** = 999.486657
- **AF** = 904.3532589
- **AP** = 369.4975617
- **GP** = 1377.73596
- **PF** = 534.8556972

Adam was created by Aliens 5718 years after the creation of the world. Eva is a female clone of Adam and she is brought to Adam the 40th day after the creation of Adam (40th day = 0.10752 years after the creation of Adam).

Adam lived 930 years. Point **A** shows the time of Adam's death. From point **A** to point **N** is the height of 1151.459305 inches:

- 1151.459305 inches = 46.0583722 sacred cubits = 930 years of Adam's life.

Horizontal direction from point **N** intersects the axis of the Pyramid very close to the top of the Queen's Chamber roof.

- **HB** = 1162.602377 inches = 46.50409508 sacred cubits:

- 1 sacred cubit = 20.19176875 years:
46.50409508 sacred cubits = 939 years = years of Eve's life.

Eva is a symbol of Mother Earth. The height that indicates the length of her life and the time of her death is the 35th course of the Pyramid's stone:

$$1162.602377 \times 432000 = 502,244,226.9 \text{ inches} = 12,757.00336 \text{ km} = \text{equatorial diameter of the Earth.}$$

FROM ADAM TO THE GREAT FLOOD

According to the Great Pyramid and the Bible since the creation of Adam to a Great flood is a time of 1656 years. Here are the years from Adam to the new born and Noah:

1. Adam: 5718 (+130) = 5848 > Seth,
2. Seth: 5848 (+105) = 5953 > Enosh,
3. Enosh: 5953 (+90) = 6043 > Kenan,
4. Kenan: 6043 (+70) = 6113 > Mahalalel,
5. Mahalalel: 6113 (+65) > Jared,
6. Jared: 6178 (+162) = 6340 > Enoch,
7. Enoch: 6340 (+65) = 6405 > Methuselah,
8. Methuselah: 6405 (+187) > Lamech,
9. Lamech: 6592 (+182) = 6774 > Noah

The birth of Noah: 6774 years from the beginning of the Creation. From the time of Adam to Noah is 10 generations.

Noah was born 1056 years after the creation of Adam or 6774 years from the beginning of the Creation.

“In the six hundredth year of Noah’s life, on the seventeenth day of the second month – on that day all the springs of the great deep burst forth, and the floodgates of the heavens were opened. And rain fell on the earth forty days and forty nights.” (*Gen.7:11-12*)

Noah was born 1056 years after the creation of Adam:

$$1056 + 600 = 1656 \text{ years from Adam to the Great Flood}$$

According to the Great Pyramid Adam was created after 5718 years from the beginning of the Creation:

$5718 + 1656 = 7374$ years from the beginning of the Creation:

- The length of first Pyramid's base = 365.242 sacred cubits,

- 1 sacred cubit = 20.19176875 years:

365.242 sacred cubits = 7374.882 years = November 18th, 7375 = the time of Flood.

The flood started on the seventeenth day of the second month. The year 7374 ended on the January 13th (winter solstice) and then began 7375th. It is a full 1656 years since the time Adam was created.

The seventeenth day of the second month of that time was February 17th, 1657th year from the creation of Adam, or 17th February 7376th year from the beginning of the creation of the world.

CHRONOLOGY OF THE GREAT FLOOD

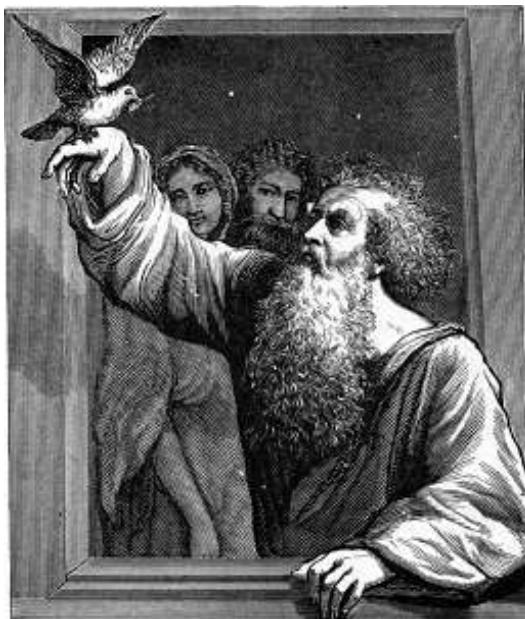


Figure 17. Noah and dove (*Bible Pictures*, Charles Foster, published in 1897, Philadelphia).

- The beginning of the Flood:

“In the six hundredth year of Noah's life, in the second month, the seventeenth day of the month, the same day were all the fountains of the great deep broken up, and the windows of heaven were opened.”

(*Gen. 7:11*)

- 17th days of the second month: February 17, 2626 BC (after 601th Noah's birthday).

“And the rain was upon the earth forty days and forty nights.” (*Gen. 7:12*)

- February 17 – April 9.

“And the waters prevailed upon the earth an hundred and fifty days.” (*Gen. 7:24*)

- Water raises for 150 days: February 17 - July 28, 2626 BC.

And the ark rested in the seventh month, on the seventeenth day of the month, upon the mountains of Ararat.” (*Gen. 8:4*)

- The Ark on Mount Ararat: 17 September 2626 BC.

“And the waters decreased continually until the tenth month: in the tenth month, on the first day of the month, were the tops of the mountains seen.”

(*Gen. 8:5*)

- Tops of mountains became visible: December 1, 2626 BC.

“And it came to pass at the end of forty days, that Noah opened the window of the ark which he had made: Also he sent forth a dove from him, to see if the waters were abated from off the face of the ground; But the dove found no rest for the sole of her foot, and she returned unto him into the ark, for the waters were on

the face of the whole earth: then he put forth his hand, and took her, and pulled her in unto him into the ark.”

(*Gen. 8:8-9*)

- Noah opened the window on the ark and released the raven and the dove: January 9, 2625 BC:

“And he stayed yet other seven days; and again he sent forth the dove out of the ark; And the dove came in to him in the evening; and, lo, in her mouth was an olive leaf pluckt off: so Noah knew that the waters were abated from off the earth.”

(*Gen. 8: 10-11*)

- Dove brings a branch of olive tree: January 16, 2625 BC.

“And he stayed yet other seven days; and sent forth the dove; which returned not again unto him any more.” (*Gen. 8:12*)

- January 23, 2625 BC.
- The dove did not return = January 24, 2625 BC.

“And it came to pass in the six hundredth and first year, in the first month, the first day of the month, the waters were dried up from off the earth: and Noah removed the covering of the ark, and looked, and, behold, the face of the ground was dry.” (*Gen.8:13*)

- The Earth became dry = February 1, 2625 BC.

“And in the second month, on the seven and twentieth day of the month, was the earth dried.”

(*Gen. 8:14*)

- Noah goes on land on the second month after 602.
Noah's birthday = March 27, 2625 = 2624.867 BC =
1657.13 years from the creation of Adam =
= 7375.13 years from the beginning of the Creation.

CIVILIZATION BEFORE THE FLOOD

The Great Flood started on February 17, 2626. All prehistoric cultures older than 2700 years BC belong to the prediluvian time. There was a civilization before the Flood and prediluvian aristocracy had written language. The first instance of the language in ideogram-writing from is a group of texts dating to the Uruk IV period (3200 BC), later known as Sumerian pictographs.

The beginning and the spread of prediluvian civilization began after the Aliens created Adam and Eve (5718 years from the creation of the world, or 4282 BC). The descendants of Adam and Eve received the knowledge of the Aliens and began biologically to mix with the pre-Adamic race. Thus, a new race of people emerged.

Some of Adam's descendants became the first kings. Their first kingdom was created in Mesopotamia, and it is a prediluvian Sumerian civilization. Here are some of the first "Sumerian" kings who ruled Sumer, Egypt and India [1]:

1ST DYNASTY: Names in King List and Monuments:

3378-3349 BC: Uksi of Ukhu City or Udu, Uduin, or ODIN, Indar, Induru, Dur, Pur, Sakh, Sagaga, Zagga, Gaur or Adar;

3348-3337 BC: Azam Ama Basam or Bakus, Tasia or Mukhla, Gin, Kan or Gan, or Nimrud;

2ND DYNASTY:

3336-3273 BC: Azag Bakus or Gan at Unuk, Enoch or Erech City.

One of the names of the first king is Odin: Odin is the principal gods in Norse mythology.

The names of the second king are Bakus, Tasia and Mukhla: Bacchus was the Thracian and Roman god, Tasia or Mukhla: The names of the second king are Bakus, Tasia, Mukhla: these are pre-Christian names of archangel Michael.

The first king of the Second dynasty was Enoch:

“And Cain knew his wife; and she conceived, and bare Enoch: and he builded a city, and called the name of the city, after the name of his son, Enoch.”

(Gen. 4:17)

From 2725-2671 ruled powerful oldest Egyptian predynastic pharaoh Shar-Guni, Kin or Sargon.

The Great Flood started on February 17, 2626 BC. From 2655-2641BC ruled the king with the name Manis-Tissu. The name “Manis-Tisu” is one of the names of the biblical Noah: Sanskrit “Manu” is a term found with various meanings in Hinduism. In early texts, it refers to the archetypal man, or to the first man and progenitor of humanity. Mannus, according to the Roman writer Tacitus, was a figure in the creation myths of the Germanic tribes. Fifteen years before the Great Flood, Manis-Tissu left the throne and built the Ark. From the first to the last king there are 42 kings in total.

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[1] Laurence Austine Waddell, *Egyptian Civilization: its Sumerian Origin and Real Chronology*, London, Luzak & Co., 1930, pp. 150-152.

FROM THE GREAT FLOOD TO THE EXODUS

Descendants of Noah's son Shem from second year of the Flood:

1. Arphaxad: 2625 BC (-35 years to son Shelah),
2. Shelah: 2590 BC (-30 years to son Eber),
3. Eber: 2560 BC (-34 years to son Peleg),
4. Peleg: 2526 BC (- 30 years to son Reu),
5. Reu: 2496 BC (-32 years to son Serug),
6. Serug: 2464 BC (-30 years to son Nahor),
7. Nahor: 2434 BC (-29 years to son Terah),
8. Terah: 2405 BC (-70 years to son Abram),
9. Abram: 2335 BC (-100 years to son Isaac),
10. Isaac: 2235 BC (-60 years to son Jacob),
11. Jacob: 2175 BC (-90 years to son Joseph),
12. Joseph: 2085 BC

- Joseph was sold into Egypt: 2067 BC.
- Joseph comes before the pharaoh: 2055 BC.
- The seven years of abundance in Egypt ended: 2048 BC.
- Second year of famine years: 2045 BC. That year Jacob with his family came to Egypt. He was 130 years old.
- Since 2067 BC the Jews spent 430 years in Egypt: 2067-1637 BC.

430 YEARS

"Now the sojourning of the children of Israel, who dwelt in Egypt, was four hundred and thirty years.

And it came to pass at the end of the four hundred and thirty years, even the selfsame day it came to pass, that all the hosts of the LORD went out from the land of Egypt." (2 Mos. 12:40-41)

- 430 years = 157,054.06 (days);
- length of the King's Chamber = 412.1316378 (inches):

$$157,054.06 : 412.1316378 = 381.077417 \text{ (days):}$$

- $381.077417 : 430 = 1.128379644$

$1.128379644^2 = 1.273240621 = \text{tangent of the Pyramid angle of slope: } 51.85399754^\circ.$

And it is written in the Bible:

“Count off seven sabbath years - seven times seven years - so that the seven sabbath years amount to a period of forty-nine years.

Then have the trumpet sounded everywhere on the tenth day of the seventh month; on the Day of Atonement sound the trumpet throughout your land.

Consecrate the fiftieth year and proclaim liberty throughout the land to all its inhabitants. It shall be a jubilee for you; each of you is to return to your family property and to your own clan.

The fiftieth year shall be a jubilee for you; do not sow and do not reap what grows of itself or harvest the untended vines.

For it is a jubilee and is to be holy for you; eat only what is taken directly from the fields.

In this Year of Jubilee everyone is to return to their own property. (Lev. 25:10-13)

Let's see:

- the number **Pi** = 3.14159...;
- time in Egypt = 430 years;
- the jubilee = 50 years:

$$430 : 50 = 8.6 \text{ years} = 3141.0812 \text{ days: } \approx \mathbf{1000 \text{ Pi.}}$$

THE NUMBERS OF THE EXODUS

The Great Pyramid and the Bible complement each other in the confirming of the correct time of the Exodus of Jewish people from Egypt. Here is what the Bible tell us:

"The whole Israelite community set out from Elim and came to the Desert of Sin, which is between Elim and Sinai, on the fifteenth day of the second month after they had come out of Egypt." (*Exod.16:1*)

On this day and at this place the people were yelling at Moses and they were saying that they desired meat and bread. Then God told Moses that He will give them meat to eat on that same and exact day and He also said that he would give them bread in the morning:

"That morning quail came and covered the camp, and in the morning there was a layer of dew around the camp. When the dew was gone, thin flakes like frost on the ground appeared on the desert floor. When the Israelites saw it, they said to each other: 'What is it?' For they did not know what it was. Moses said to them: 'It is the bread the Lord has given you to eat.'" (*Exod.16:13-15*)

"Each morning everyone gathered as much as he needed, and when the sun grew hot, it melted away. On the sixth day, they gathered twice as much two omer for each person - and the leaders of the community came and reported this to Moses. He said to them: 'This is what the Lord commanded: Tomorrow is to be a day of rest, a holy Sabbath to the Lord. So bake what you want to bake and boil what you want to boil. Save

whatever is left and keep it until morning. So they saved it until morning, as Moses commanded, and it did not stink or get maggots in it. 'Eat it today,' Moses said, 'because today is Sabbath to the Lord. You will not find any of it on the ground today. Six day you are to gather it, but on the seventh day, the Sabbath, there will not be any.'

Nevertheless, some of the people went out on the seventh day to gather it, but they found none."
(Exod.16:21-27)

Therefore: on the fifteenth day they came to this place, on the sixteenth day manna (bread from the sky) started to fall. They gathered manna for six days: this is 21 day. The next day is Saturday, seventh day from the start of manna falling and 22nd day of the second month from the leaving Egypt.

The Exodus from Egypt started on the **14th day** (Wednesday of month Abib or “April” on the year 1637 BC). Here are the days of the two first months:

a) First month: Abib (April) 1637 BC:

Sunday.....	4	11	18	25
Monday	5	12	19	26
Tuesday.....	6	13	20	27
Wednesday.....	7	14	21	28
Thursday.....	1	8	15	22
Friday.....	2	9	16	23
Saturday.....	3	10	17	24

b) Second month: Ziv (May) 1637 BC:

Sunday.....	2	9	16	23	30
Monday.....	3	10	17	24	31
Tuesday.....	4	11	18	25	

Wednesday.....5 12 19 26
 Thursday.....6 13 20 27
 Friday.....7 14 21 28
 Saturday.....1 8 **15** 22 29

“The whole Israelite community set out from Elim and came to the desert of Sin, which is between Elim and Sinai, on the 15th day of the 2nd month after they had come out of Egypt.” (*Exod.16:1*)

- 16th day: manna starts to fall;
- 22nd day: manna did not fall.

The Great Pyramid (base and height) = 597.7624754 sacred cubits:

597,762.4754 days = 1636.62031 years BC = May 14th 1637 BC = ninth day of the Second months of the Exodus.

The Great Pyramid (and Solomon's Sea) shows the total time of the world = 12,069.88168 years from the beginning of Creation to the end of the world:

12,069.881681 : 1636.62031 = 7.374882 years. According to the 7374.882 years correspond to November 18th, 7375 from the beginning of the Creation = 2625.118 years BC.

The architect of the Great Pyramid calculates the beginning of the new year from the day of the winter solstice.

THE MENORAH



Figure 18. *The Menorah.*

“There are two opinions regarding the height of the menorah. One says its height was seventeen *tefachim*, while the other says its height was eighteen *tefachim*. The remaining sefer of Chumash - BaMidbar - opens with a verse that has seventeen words.

Thus, the opening verses of all the books of the Chumash have something to say about the menorah! This is so, however, only according to the opinion that the menorah's height was seventeen *tefachim*.

Therefore, say the Midash, "Your first words shall give light, only according to that opinion." [1]

Tefachim or *tefach* was a unit of length in the Ancient Hebrew measurement system: “According to Rav Chaim Na’eh, a *tefach* is 8 cm (3.2 inches).” [2]

- height of the menorah = 18 tefachim,
- 1 tefachim $\approx$ 3.2 inches $\approx$ 8.128 cm

$$18 \times 8.128 = 146.304 \text{ cm}$$

The height of the Great Pyramid = 14,765.05019 cm:

- $14,765.05019 : 100 = 147.6505019 \text{ cm},$
- $147.6505019 : 18 = 8.202805661 \text{ cm} = 3.229451048 \text{ inches} = 1 \text{ tefachim}.$

The height of the menorah was 100th part of the Pyramid’s height.

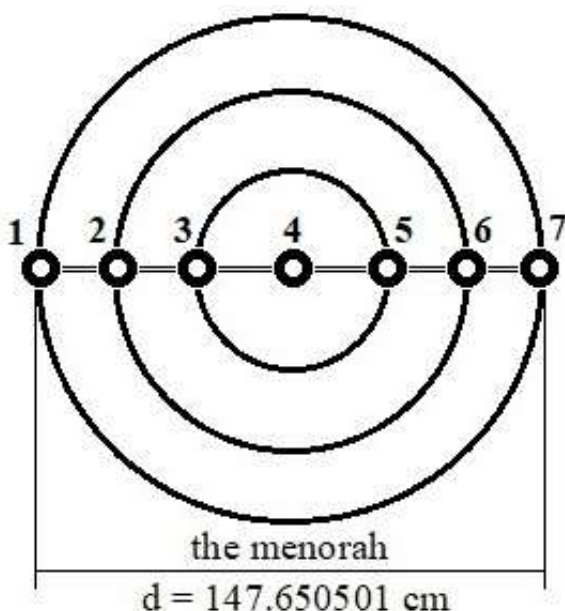


Figure 19. The menorah: the height and the diameter were the same: $147.650501 \text{ cm} = 8.202805661 \text{ tefach}.$

"Make seven lamps for the menorah, and mount them so as to give light to the space in front of it."

(Exod. 25:37)

- Height of the menorah = 147.650501 cm
- height of the Great Pyramid = 14,756.05019 cm
- seven lamps for the menorah

$14,756.05019 : 7 = 2109.292884 \text{ cm} = 830.4302694 \text{ inches} = 33.2172107 \text{ sacred cubits:}$

- 1 sacred cubit = 20.19176875 years:

$33.2172107 \text{ sacred cubits} = 670.7142385 \text{ years.}$

The Exodus began the 14th day of the month Aviv, (April 19) 1637 BC because on April 6 that year it was a spring equinox and the first day of the month Aviv. From the Nisan 1th 1637 BC to the Christian era = 1636 years, 8 month and 26 days = 1636.737852346 years:

$1636.737852346 - 670.7142385 = 966.02361138 \text{ years} = 967 \text{ year BC: the construction of Solomon's temple began} = 967 \text{ BC.}$

.....
[1] Rabby Yissachar Dov Rubin, *Talelei Oros, The Parashah Antology, Bamidbar/ Numbers, Jerusalem-- New York: Feldheim Publishers, 2002, pg. 57-58.*

[2] Ze'ev Grinyald, *A Summary of Laws for Jewish Living, Jerusalem -- New York: Feldheim Publishers, 2000, p. 193.*

FROM THE EXODUS TO KING DAVID

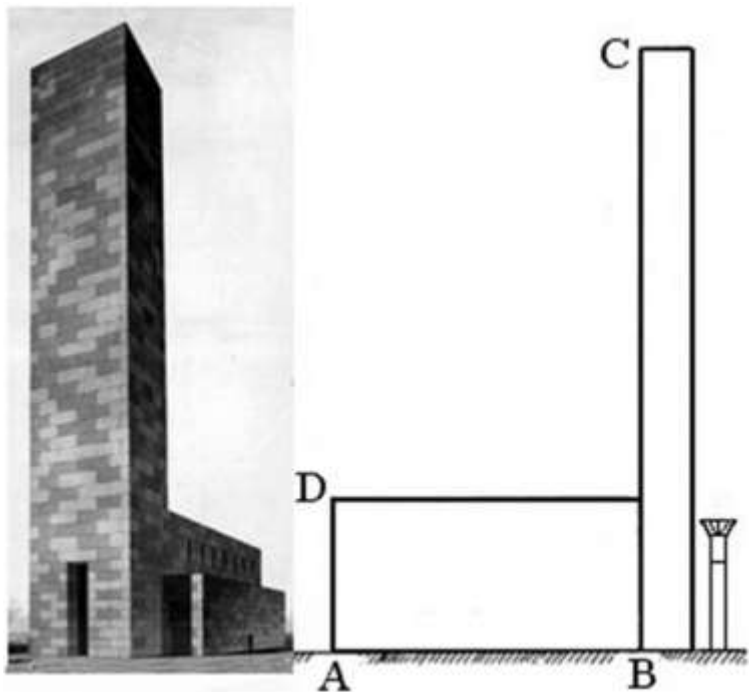


Figure 20. *Solomon's Temple, also known as the First Temple, was the Holy Temple in ancient Jerusalem before its destruction by Nebuchadnezzar II after the Siege of Jerusalem of 587 BC.*

The Great Pyramid tell us that the arriving of Israelites into the Promised Land, led by Joshua son of Nun, started in the year 1597 BC. In order to prove the accuracy of this moment we will mention all years of judges and the foreign kings above Israelites from Joshua to king David and Solomon.

Judges:

Time in years:

1. Joshua, the son of Nun (1597 -**1547**)..... 50
2. Cushan-Rishathaim (Judg.3:8).....8

3. Othniel (Judg.3:11).....	40
4. Eglon (Judg.3:14).....	18
5. Ehud (Judg.3:30).....	80
6. Jabin (Judg.4:3).....	20
7. Deborah (Judg.5:31).....	40
8. Midianites (Judg.6:1).....	7
9. Gideon (Judg.8:28).....	40
10. Abimelech (Judg.9:22).....	3
11. Tola (Judg.10:2).....	23
12. Jair ((Judg.10:3).....	22
13. Gilead (Judg.10:8).....	18
14. Jephthah (Judg.12:7).....	6
15. Ibzan (Judg.12:9).....	7
16. Elon (judg.12:11).....	10
17. Abdon (Judg.12:13-14).....	8
18. Philistines (Judg.13:1), Samson: 20 years....	40
19. Eli (1 Sam.4:18).....	40

Total time of judges: **480 years**

The sum of the above numbers is 480 years. But there is no that is the actual lengths of the judges' period. The judgeship of Samuel is not included in the years are not given.

Samuel was the last of the judges:

"And Samuel judged Israel all the days of his life." (1 Sam.7:15)

What does "all the days of his life" mean? The Bible says that a priest had to be 30 years old before he took up the mature, senior office of priest:

"From thirty years old and upward even until fifty years old, all that enter into the host, to do the work in the tabernacle of the congregation." (Num.4:3)

Samuel could not become a judge before he was 30 years of age:

“And it came to pass, when Samuel was old, that he made his sons judges over Israel.”

At age 60, man is not very old, but with 70 years of age he is. That means that Samuel was a judge of his 30 to at least 70 years of his life: Samuel was a judge for 40 years and then he proclaimed his sons for judges. His sons were judges until the beginning of the rule of King Saul: 1050 BC:

“The following dates, however, provide an approximate chronological framework for the times of Samuel, Saul and David.

1105 BC	birth of Samuel (1Sa 1:20)
1080	birth of Saul
1050	Saul anointed to be king (1Sa 10:1)
1040	birth of David
1025	David anointed to be Saul's successor (1Sa 16:1-13)
1010	Death of Saul and beginning of David's reign over Juda in Hebron (1Sa 31:4-6; 2Sa 2:1,4,11).”

[1]

From the start of judging by Joshua son of Nun, in the year 1597 BC to the year of Saul's anointment 1050 is 547 years, and the chronology of the Bible gives 480 years to the time to the a time of a judge Samuel (Samuel is the successor to judge Eli). Samuel was a judge about 40 years, and his sons were about 5 years:

- $480 + 45 = 525$ years:
- $547 - 525 = 22$ years

What about these 22 years of difference? This time has been lost in the period between the former judge and choosing the new judge. The causes of wars, sickness, or disagreements did not always aloud the right time for choosing a new judge. This is how those 22 years accumulated.

Saul lost life in the year 1010 BC and David became a king. Solomon started to build the Temple in the year 967 BC:

“In the 480 year after the Israelites had come out of Egypt, in the fourth year of Solomon’s reign over Israel, in the month of Ziv, the second month, he began to build the temple of the Lord.” (*1 Kings 6:1*)

Here is transcribing error: isn't 480, but 580 years:

$967 + 580 = \mathbf{1547\ BC}$: “So Joshua let the people depart, every man unto his inheritance.” (*Joshua, 24:28*)

History is not important at all here: here are important numbers of the Bible.

.....
[1] Zondervan NIV Study Bible (Fully Revised) Wide Margin Loose-leaf Edition, Hendrickson Publishers, Inc; Peabody, MA, 2005, p. 374. ISBN 9781565639867

THE DAY OF THE CHRIST'S RESURRECTION

The Great Pyramid says the following:

- from the creation of the world until the beginning of the Christian era = 10,000 years;
- from the beginning of the creation of the world to the creation (redesigning) of Adam = 5718 years;
- from the time of the creation of Adam to the Christian era = 4282 years;
- from the creation of Adam to Jesus' = 4278.982719 years, 11 months and 24 days;
- Jesus was born at dawn on December 25th, 4 BC;
- Jesus was crucified on the 13th of Nisan (April 6th), 31 AD;
- Jesus' descent to Ad was the 14th of Nisan (April 7);
- Jesus resurrected on the day of the 15th Nisan (April 8th) 31 AD;
- from the birth of Jesus on December 25, 4 BC to his resurrection on the 15th Nisan (April 8), 31 AD =
= 33.234091369 years = 33 years, 3 months, 7 days 3 hours.

“The original Jewish year commenced with the month Tishri, at the autumnal equinox – a fact which suggests an Egyptian origin. This is still the commencement of the civil year; the ecclesiastical year begins with the month Nisan six months earlier at the vernal equinox.” [1]

The day of the Jewish Passover belonged to the calendar of the Jewish ecclesiastical year which started on the day of the spring equinox. In 31 AD, the spring

equinox fell to the later Christian holiday of Annunciation, March 25th of the Julian calendar, and that day was the 1st day of the of Nisan (the first day of the first month of the Jewish ecclesiastical year). Let's see what the Bible says about the month Nisan:

“And the Lord spoke unto Moses and Aaron in the land of Egypt, saying,

This month shall be unto you the beginning of months: it shall be the first month of the year to you.”
(Exod.12:1-2)

“But after their departure from Egypt, which happened in the month Abib or Nisan, in commemoration of this deliverance, they afterward began their year from the beginning of that month which usually happened about the time of the vernal equinox; and according to this form, which was termed the *sacred* or *ecclesiastical year* they celebrated the fasts and festivals, and other ecclesiastical matters.” [2]

Let's look at the calendar for the 31 AD: the spring equinox on the 31 AD was Sunday, March 25th and it's the first day of Nisan. The day before, on the Saturday, Jesus resurrected Lazarus on the fourth day of Lazarus' death. Three days of death are the symbols of the winter. The fourth day is the symbol of the fourth month since the beginning of the year and it is the first month of spring. Lazarus' resurrection is a symbol of the resurrection of nature during the springtime.

On Palm Sunday (Nisan 1, 31 AD) in Jerusalem the ordinary Jewish people were wearing white robes and were holding palm branches in their hands celebrated the first day of spring. In fact, it was not a greeting to the Messiah, but the celebration of the first day of spring:



Figure 21. March and April, 31 AD (Palestine).

“On the next day much people that were come to the feast, when they heard that Jesus was coming to Jerusalem,

Took branches of palm trees, and went forth to meet him, and cried, Hosanna: Blessed is the King of Israel that cometh in the name of the Lord.”

(Jn.12:12-13)

The feast named Palm Sunday is not in honor of Jesus, but in honor of the first day of spring and Jesus only came to the traditional feast. Let's look again at the Bible:

“Speak ye unto all the congregation of Israel, saying, In the tenth day of this month they shall take to them every man a lamb, according to the house of their fathers, a lamb for an house:

And if the household be too little for the lamb, let him and his neighbour next unto his house take it according to the number of the souls; every man according to his eating shall make your count for the lamb.

Your lamb shall be without blemish, a male of the first year: ye shall take it out from the sheep, or from the goats:

And ye shall keep it up until the fourteenth day of the same month: and the whole assembly of the congregation of Israel shall kill it in the evening.

And they shall take of the blood, and strike it on the two side posts and on the upper door post of the houses, wherein they shall eat it.” *(Exod.12:3-7)*

- 10th day of Nisan = Tuesday, April 3th, 31 AD;
- 14th day of Nisan = Friday in the evening, April 13th; 31 AD = the day of Jesus crucifixion (Good Friday).

- Jesus' descent to Ad was the 14th of Nisan (April 7; 31 AD);
- Jesus resurrected on the day of the 15th Nisan (April 8th, 31 AD);
- 22nd Nisan = Sunday, 15th April, 31 AD: the first Christian Sabbath after the resurrection of Jesus.

It is not known when the Jews began to celebrate the Passover at the time of the full moon after the spring equinox, but it is obvious that in the first century of the new era, the Passover was celebrated on the fourteenth day of the spring equinox, regardless of the full moon. Rabbi Hillel II made a reform of the Jewish calendar in the year 358 AD [3], and it is possible that at that time he changed the date of the Passover. It may be that some anonymous reformers of the Jewish Oral tradition (Mishnah) have done it at the beginning of the 3rd century AD.

$412.1316378 : 4 = 103.0329095$ = days from the winter solstice to the day of the Nisan 13 (April 6) 31 AD.

.....
 [1] Alexander Philip, *The calendar: its history, structure and improvement*, Cambridge, The University Press, 1921, pg. 25.

[2] *The Holy Bible*, Hartford, Con., Published by Andrus & Judd, 1836, p. 11.

[3] Alexander Philip, *Ibid*.

CHECKING THE CALENDAR

The tropical year is shorter than the sidereal year (by 20 min 24 sec). And it is 11 min 14 seconds shorter than the civil calendar, a difference which adds up one day every 128.189911 years:

“ A Julian Year, established by Julius Caesar, in B.C. 46, consist of $365\frac{1}{4}$ Mean Solar Days, which exceeds the Tropical Year by 11 minutes and 14 seconds.” [1]

“The average length of the Julian year is therefore $365\frac{1}{4}$ days, which, however, is too long by 11 minutes and 14 seconds, and this would accumulate in 400 years to about three days.” [2]

- 11 minutes and 14 seconds = 11.23333333 minutes.

The Great Pyramid shows that Exodus started on the 14th day Aviv (Nisan) 1637 BC. On the 1st day of Aviv 1637 BC, it was the vernal equinox or spring equinox (the first day of spring). From that day until the beginning of the Christian era, 1636.75 years passed:

$1636.75 \text{ years} \times 11.23333333 \text{ minutes} = 18,397.39166 \text{ minutes}$
 $= 306.6231944 \text{ hours} = 12.77596643 \text{ days} = 13\text{th day.}$

The calendar of Palestine for 31 year AD shows that the vernal equinox fell on the 25th March of that year and that was the first day of Aviv or Nisan. From the beginning of the Christian era until March 25, 31 AD is 30.3386155 years. From the 1 Nisan 1637 BC to 25 March 31 AD is total 1666.978616 years:

$1666.978616 \text{ years} \times 11.23333333 \text{ minutes} = 13 \text{ days.}$
It means that the vernal equinox moved through the

calendar 13 days from Nisan 1th 1637 BC to March 25 31 Ad:

- Nisan 1th (April 6th), 1637 BC = vernal equinox;
- Nisan 1th (March 25), 31 AD = vernal equinox = the first day of the spring (the Christian celebration of the Annunciation).

“But the Julian calendar year was 11 min. 14 seconds too long, and so the date of the vernal equinox slipped slowly backward from March 25 to March 21 in 325 AD.” [3]

Vernal Equinox through the millennia from the beginning of the creation of the world:

Time	Moving backward	Julian calendar
10,000 BC	0 days	June 10
9000 BC	7.8 days	June 3
8000 BC	15.6 days	May 26
7000 BC	23.4 days	May 18
6000 BC	31.2 days	May 10
5000 BC	39 days	May 2
4000 BC	46.8 days	April 25
3000 BC	54.6 days	April 17
2000 BC	62.4 days	April 9
1000 BC	70.2 days	March 31
1 AD	78.009 days	March 25

.....
[1] *The World Almanac for 1892*, Press Publishing Co., 1892, p. 13.

[2] *Ibid.*, p. 14.

[3] *Armand Spitz and Frank Gaynor, Dictionary of Astronomy and Astronautics, Philosophical Library, New York, 1959, p. 64.*

ENTRANCE INTO GREAT PYRAMID

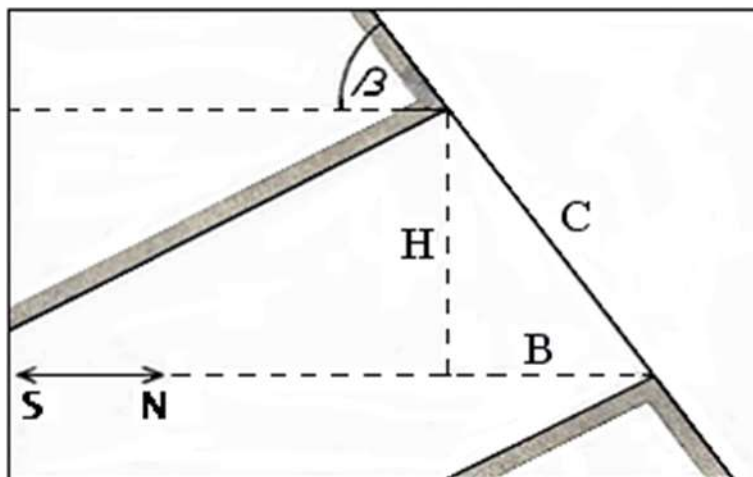
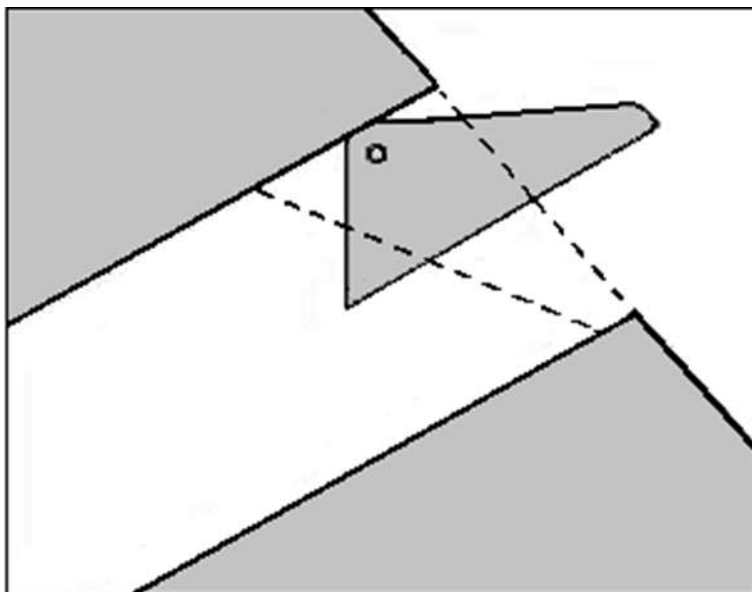


Figure 22. *The Entrance of the Great Pyramid.*

Measures of the Great Pyramid entrance:

- Pyramid's angle of slope (β) = 51.85399754°

- tangent $51.85399754^\circ = 1.273240621$
- angle of descent = 26.30268975°
- tangent $26.30268975^\circ = 0.494289196$
- sine $26.30268975^\circ = 0.443113275$
- **B** = 29.86979152 inches;
- **C** = 48.35901428 inches;
- **H** = 38.0314319 inches

Distance **BCH** = 116.2602377 inches = the length of Antechamber's floor; 10th part of the 35th stone layer of the Pyramid.

One year has 365 days:

$$365.242 : 116.2602377 = 3.14159 = \mathbf{\Pi}$$

The golden ratio or number Phi (Φ) = 1.618033988:

$116.2602377 \times 1.618033988 = 188.1130161 =$
10th part of the floor length of the Grand Gallery (from the North wall to the South wall).

The height of the Great Pyramid= 5813.011886 inches:

$$5813.011886 : 116.2602377 = 50 \text{ inches}$$

One square with sides of 116.2602377 inches has a surface area of 13,516.44287 square inches, and the circle of the same surface area has a diameter of 131.1856856 inches. The circumference of this circle is 412.1316378 inches: this is the length of the King's Chamber.

And so, at the entrance of the Pyramid we find a set of connected numbers and measures of the Pyramid.

The measures:

-

Figure 23. The Entrance Passage.

- **BT** = 232.5204754 sacred cubits;
- **BX** = 18.95377543 sacred cubits;
- **XT** = 213.5667 sacred cubits:

1 sacred cubit = 20.19176875 years:

History is not important, religion is not important, signs and numbers of the Great Pyramid are important.

THE GREAT PYRAMID PASSAGES

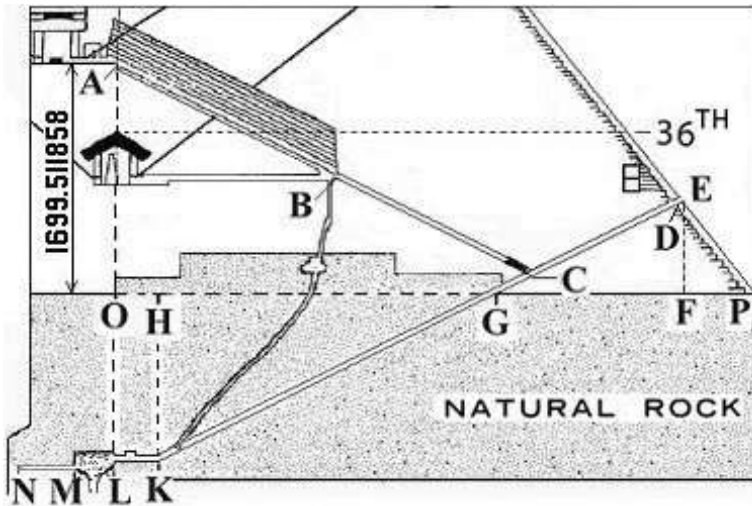


Figure 25. *The Pyramid passages.*

- Passages angle of ascent (descent): 26.3026897°
- $\tan 26.3026897^\circ = 0.494289195$
- $\sin 26.3026897^\circ = 0.443113275$

Length in inches:

- **DE** = 92.7884973
- **NM** = 645.524156
- **ML** = 325
- **LK** = 300.864177
- **KG** = 2623.713715
- **GD** = 1444.06458

Total **ND**: 5339.166628 inches

5339.166628 inches = 213.5666651 sacred cubits:

- 1 sacred cubit = 20.19176875 years: 213.5666651 sacred cubits = 4312.288715 years from the creation of Adam to Sunday, Nisan 15 (April 8) 31 AD: resurrection of Jesus Christ.

THE ENTRANCE AXIS

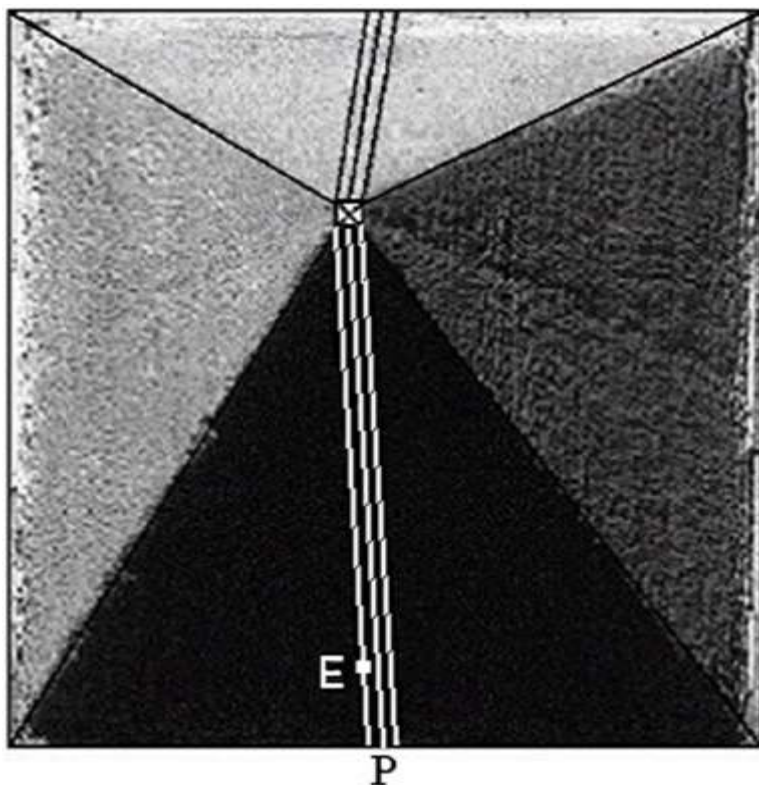


Figure 26. *The Entrance axis (E) and Pyramid's north-south axis (central line P)*

The axis of the entrance of the Great Pyramid is distanced away from the main axis of the Pyramid by 286.4690182 inches = the roof-height of the Grand Gallery (above Ascending Passage roof-line).

- The Great Pyramid marks all together 12,069.88167 years from the beginning of the Creation to the end of the world:

$$12,069.88167 : 286.4690182 = 42.13328808 \text{ years} = \\ = 15,388.84641 \text{ days} = 37,957.91719 \text{ cm} =$$

= 14,944.06189 inches = 597.7624755 sacred cubits =
the length of the Great Pyramid's base and the height
of the Pyramid (sum).

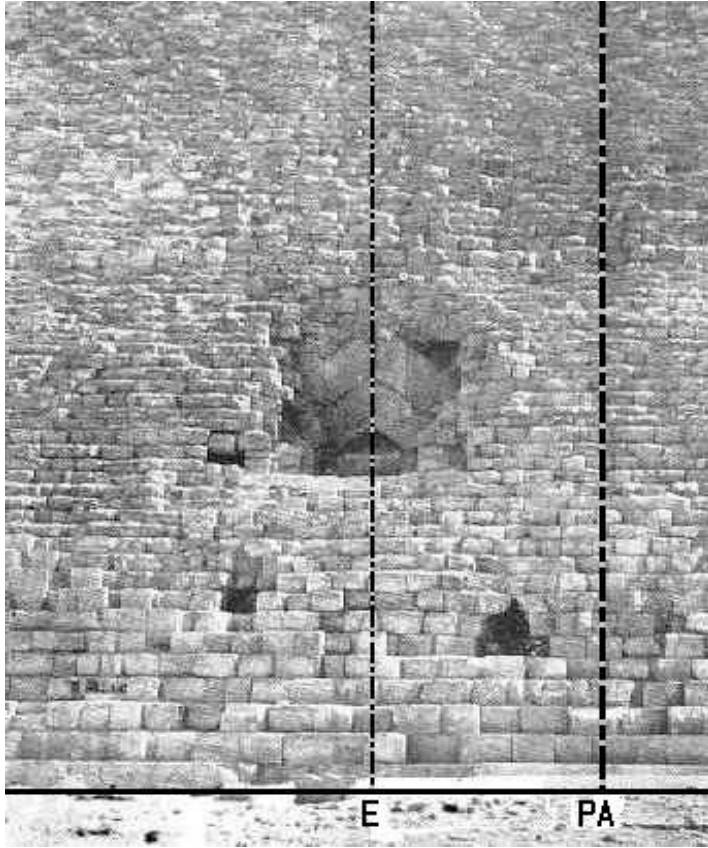


Figure 27. Entrance axis (E) - Pyramid's axis (PA).

Tropical year has 365.242 days = 900.900901 cm =
= 354.6853941 inches = 14.18741576 sacred cubits
= 286.4690182 years.

If the number 286.4690182 we consider to be in sac-
red cubits, that is 7161.725455 inches = 18,190.78266
cm = 7374.882 days = 20.19176875 years:

$$12,069.88167 : 20.19176875 = 597.7624755$$

- 286.4690182 cm = 116.139874 days: if a certain object was to travel with a speed of 127cm/sec (2 SC), for 116.139874 days it would travel a distance of 12,743.7961 km: this is the length of Earth's diameter in the direction 30° N - 30° S.

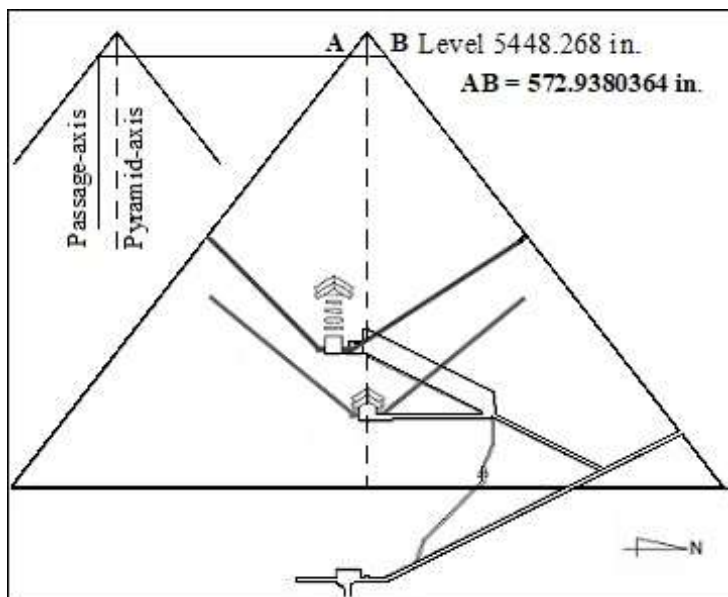


Figure 28.

- First Pyramid base = 365.242 sacred cubits;
 - position of passage-axis = 286.4690182 inches left (east) of Pyramid's axis:
- $$365.242 : 286.4690182 = 1.274979062 \text{ sacred cubits:}$$
- 1 sacred cubit = 20.19176875 years:
- $$1.274979062 \text{ sacred cubits} = 25.74408237 \text{ years} =$$
- $$= 9402.820134 \text{ days:}$$
- 1 day = 2.466586509 cm: 9402.820134 days =
- $$231,92.867 \text{ cm} = 231.9867 \text{ meters} = 9131.05 \text{ inches} =$$
- $$365.242 \text{ sacred cubits} = \text{the length of the base of the Great Pyramid.}$$

The entrance to the Great Pyramid is 681 inches (17.2974 m) above the first Pyramid Base and is moved 286.4690182 inches east of the from the center of the Pyramid. This length exactly matches half the length of the current Pyramid peak.

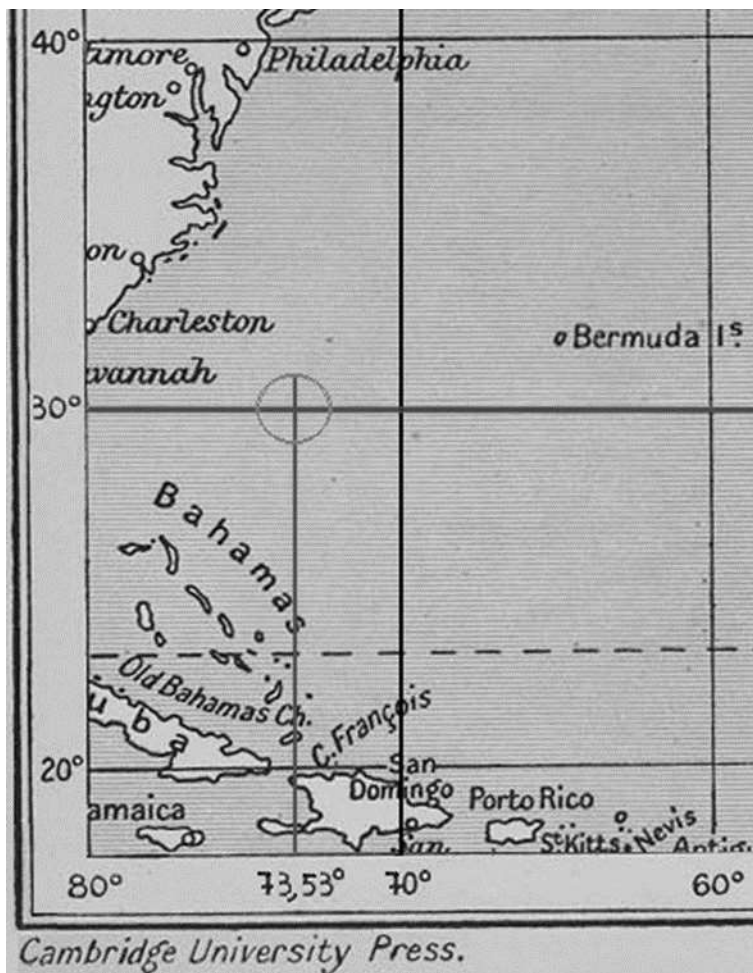


Figure 29. Going east from Pyramid 286.4690182° we come to the marked area of the Bermuda Triangle.

The number 286.4690182 has many meanings in Pyramid dimensions, but it also has a meaning of 286.4690182 degrees latitude (from the Greenwich meridian east-west). And now we look at this: the entrance is moved east of the main Pyramid axis, which is also the Pyramid meridian, so from that axis and that meridian 286.4690182° of latitude should be counted eastward.

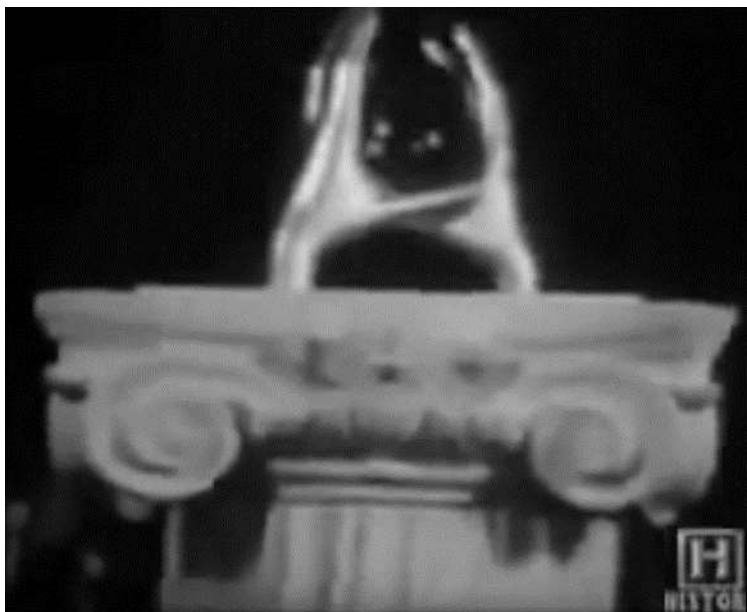


Figure 30. *Hands with crystal ball.*

The Pyramid is located on the 30th parallel above the Equator, and following that line all the way east around Earth and counting 286.4690182°, we reach exactly the area of the famous Bermuda Triangle.

In search of submerged Spanish treasures, it was in that area in 1970 that American Dr. Ray Brown discovered the remains of a submerged advanced civilization. Among the ruins, he saw a light pyramid

about 400 feet high. He swam into the area and found in the center a portion of an ornate Ionic style pillar with two bronze human hands holding a crystal ball.

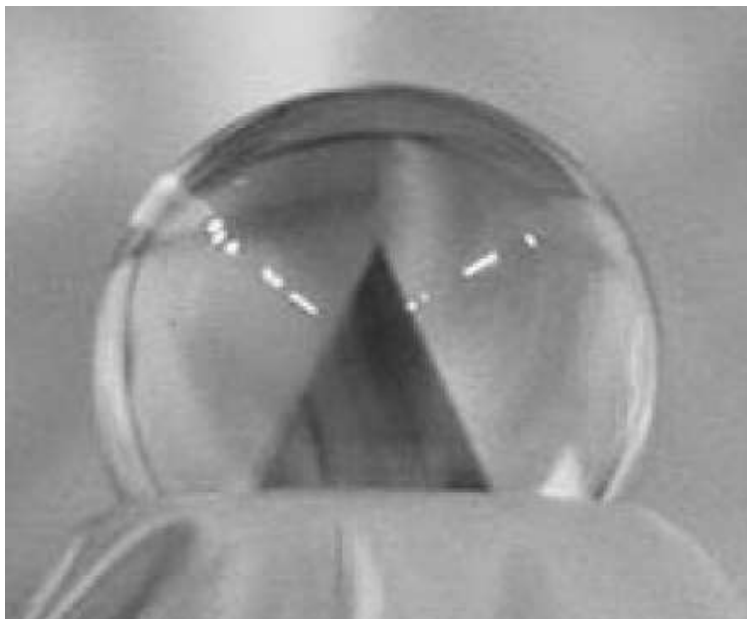


Figure 31. *The cristal ball.*

The ball is about the size of a baseball about 7.5 cm in diameter, equal to the diameter of a granite ball found in the north channel of the King's Chamber in the Pyramid.

In addition to the crystal ball radiating energy that repels objects, and some refraction of light in the ball shows a pyramid.

What else is in the area of the Bermuda Triangle, we do not know, but the architect of the Great Pyramid tells us that there is something very important for the World (maybe the sunken ruins of famous Atlantis lie here).

DECLARATION OF INDEPENDENCE

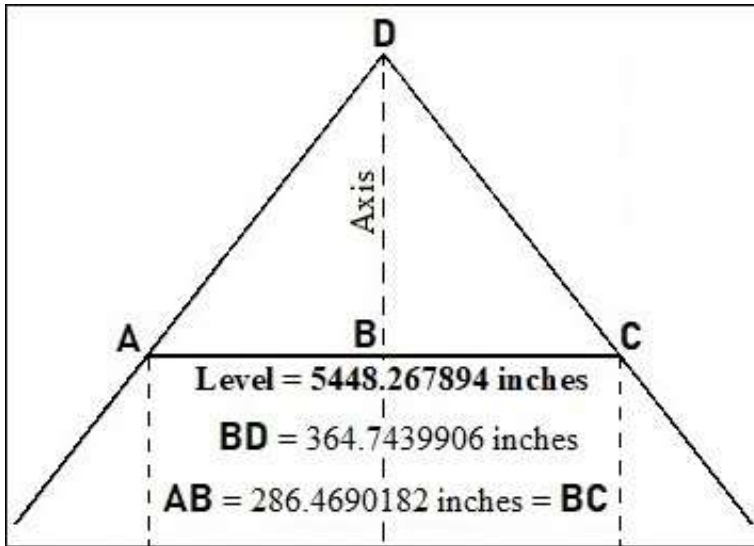


Figure 32. *The present height of the Great Pyramid.*

The axis of the entrance of the Great Pyramid is distanced away from the main axis of the Pyramid by 286.4690182 inches = the roof-height of the Grand Gallery (above Ascending Passage roof-line):

- **AB** = 286.4690182 inches = **BC**;
- **AC** = $2 \times 286.4690182 = 572.9380364$ inches;
- **BD** = 364.7439906 inches

Vertical distance from the first Pyramid's base to the level **AC** = 5448.267894 inches = 217.9307158 sacred cubits:

- 1 sacred cubit = 20.19176875 years:

$217.9307158 \times 20.19176875 = 4400.406616$ years
 from 7374.882 years from the beginning of the crea-
 tion of the world = November 18th, 2625 BC =
 = 2624.13172373 BC.



Figure 33. *The Great Seal of the United States.*

$7374.882 + 4400.406616 = 11,775.28862$ years from the beginning of the Creation.

- From the beginning of the creation of the World to the Christian era = 10,000 years:

$11,775.28862 - 10,000 = 1775.28862$ years AD =
= 1776th year AD = the year of the United States Declaration of Independence.

ASCENDING PASSAGE



Figure 34. *The intersection of the Descending Passage and the Ascending Passage.*

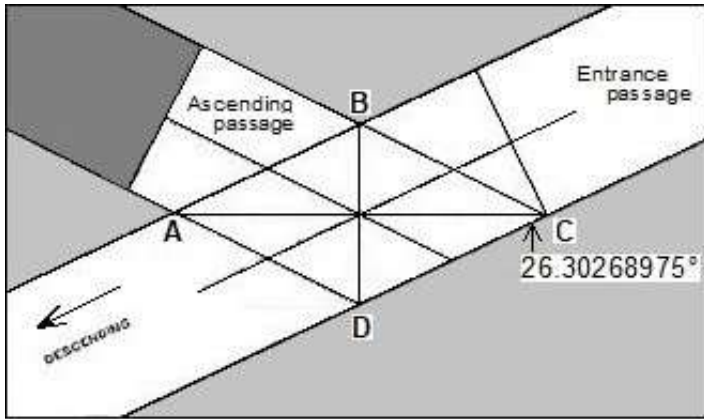


Figure 35. Junction of Descending passage and Ascending passage.

- AD = 59.57364639 inches;
- BD = 52.79574711 inches (Figure 35);

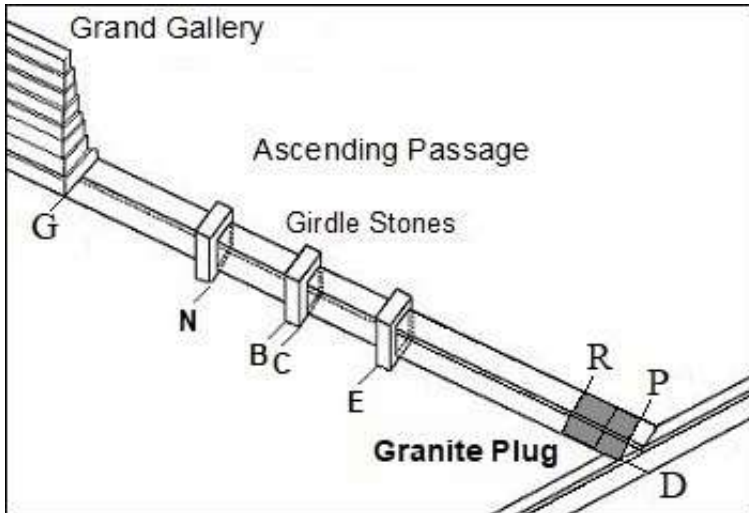


Figure 36. Girdle-stones and Granite Plug.

- From intersection with Descending Passage floor length (DG) is 1544.514258 inches (Figure 36).

- The length of the passage-floor = 1484.940612 inches.

Granite Plug (length in inches):

- Angle of ascent = 26.30268975°
- Tangent $26.30268975^\circ = 0.494289195$
- Sine $26.30268975^\circ = 0.443113275$
- Original length of Granite Plug (**PR**) = 206.0658189
- Width of the Passage = 41.21316378
- Perpendicular height = 47.32957274 inches
- **GD** = 1544.514258 inches (*Figure 36*);

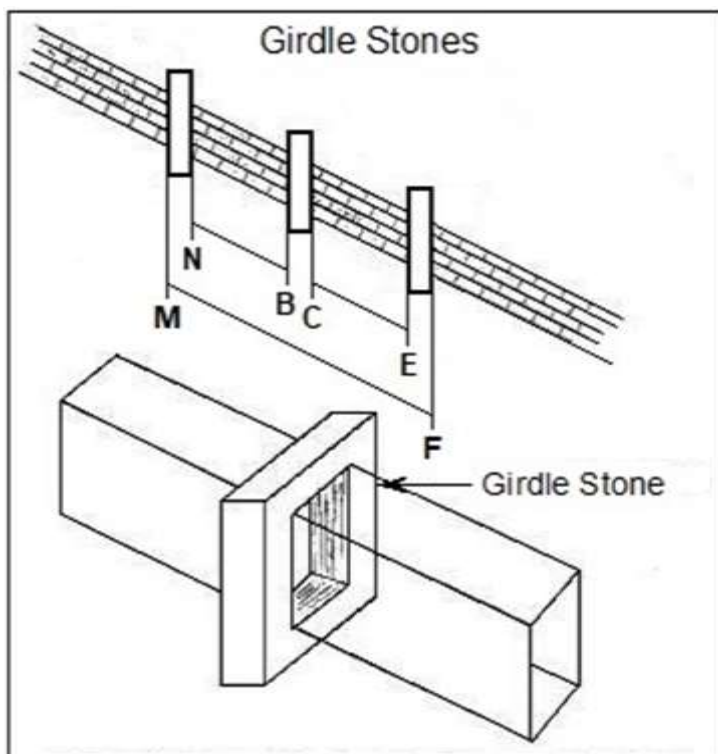


Figure 37. *The Girdle stones.*

$$1544.514258 - 52.79574711 = 1491.718511$$

$1491.718511 : 3.14159 = 474.8291505$ inches = **MF**.

• **NB + CE** = 412.1316378 inches;

$474.8291505 - 412.1316378 = 62.6975127$ inches;

$62.6975127 : 3 = 20.8991709$ inches = **MN = BC = EF**.

The length of the Ascending Passage is 1544.514258 inches from its virtual beginning on the floor of the Descending Passage to its junction with the north end of the Grand Gallery. All the numbers of the Great Pyramids have a coded symbolism:

$1544.514258 \times 3.456789 = 5339.059897$ inches =
= 213.5623959 sacred cubits:

• 1 sacred cubit = 20.19176875 years:

$213.5623959 \times 20.19176875 = 4312.202512$ years
= 4312 years, 2 months and 13.09222124 days from
the creation of Adam: March 14, 31 AD.

THE GRAND GALLERY

Extreme height above Ascending Passage
roofline = 286.4690182 inches. When the base of the
Pyramid and its height are added together, we get the
total of 597.7624754 sacred cubits = 5813.011885
inches = 37,957.91719 cm:

• 1 day = 2.466586509 cm

$37.957.91719$ cm = 15,388.8449 days =
= 42.13328396 years:

$42.13328396 \times 286.4690182 = 12,069.88049$ from
the beginning of the creation of the world to the time of
transformation of this world (2070 AD).

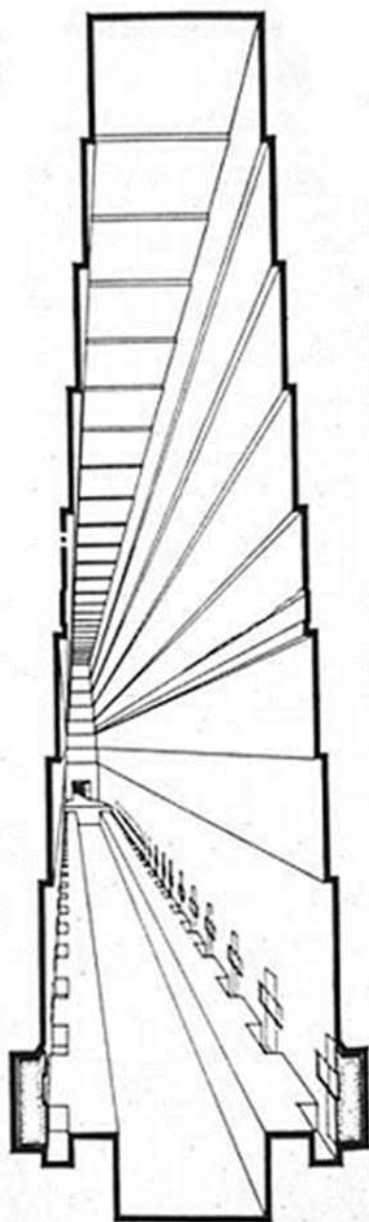


Figure 38. View through the Great Gallery to the south.

The Small Step

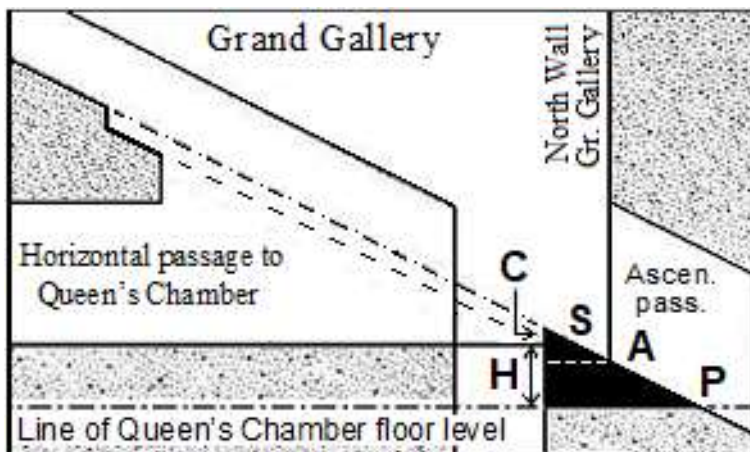


Figure 39. Grand Gallery and Small Step (S)

- Length of the Small Step (S) = 25 inches;
- **SP** = 58.30799247 inches = hundredth part of the Pyramid's height;
- **AP** = 33.30799247 inches;
- Height of initial step (C) = 5.230463612 inches;
- **H** = 1 royal cubit = 20.60658189 inches;
- **H + C** = 20.60658189 + 5.230463612 = 25.8370455 inches;
- angle of ascent = 26.30268975°
- tangent 26.30268975° = 0.494289196
- sine 26.30268975° = 0.443113275
- a) 25.8370455 : 0.494289196 = 52.27111114 inches;
- b) 25.8370455 : 0.443113275 = 58.30799247 inches;
- c) 52.27111114 + 58.30799247 + 20.60658189 =
= 131.1856855 inches;
- d) 131.1856855 x 3.14159 = **412.1316378** inches =
= the length of the King's Chamber.

The Small Step is the sign of the King's Chamber.

The Great Gallery - the way of the righteousness

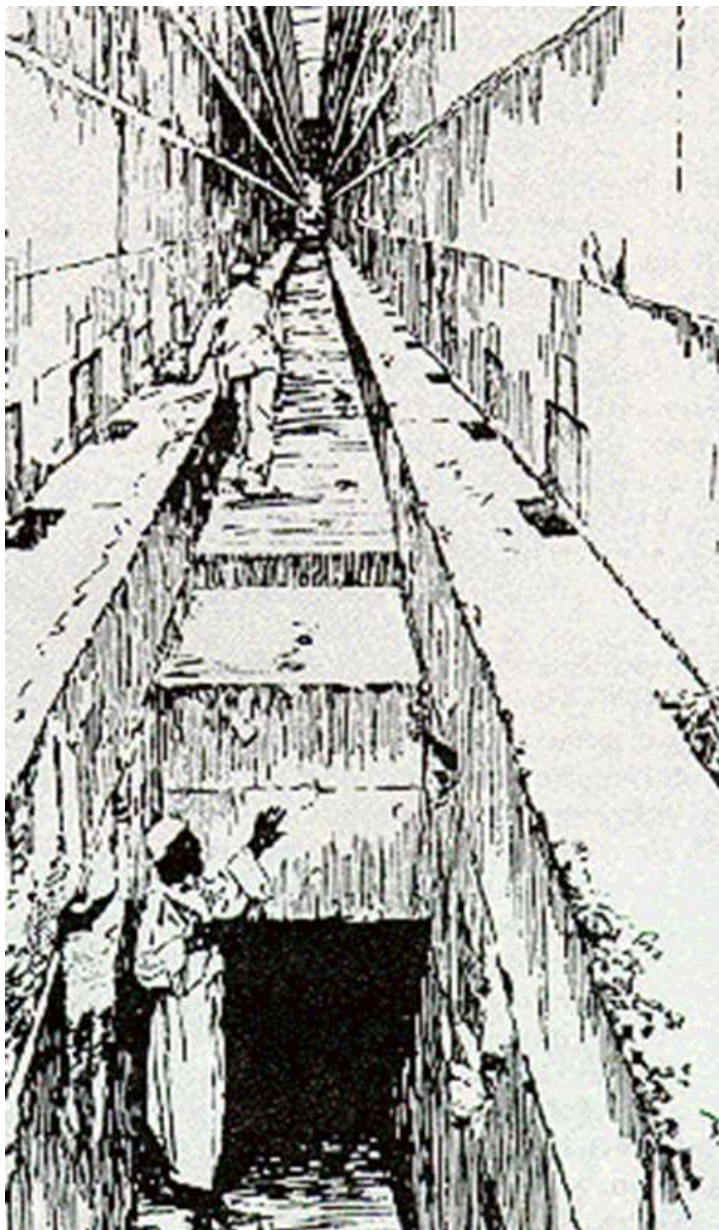


Figure 40. The Grand Gallery.

The Cut-off part

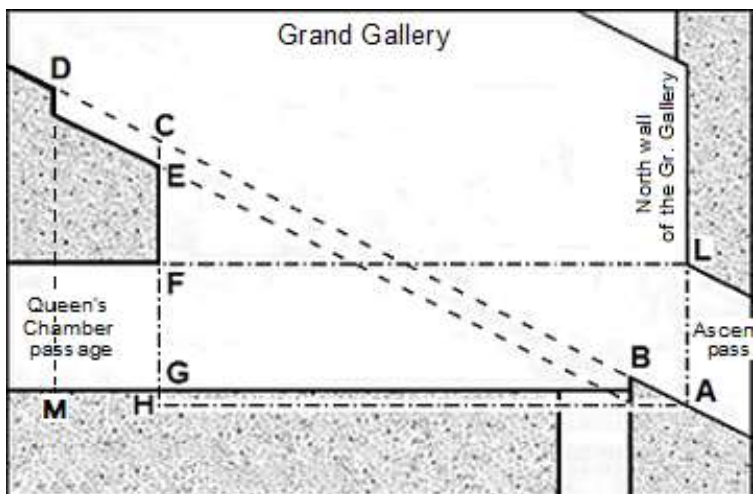


Figure 41. *The Cut-off part.*

The Cut-off part (length in inches):

- **AL** = 52.79574711
- **AB** = 25
- **AC** = 223.2209329
- **AH** = 200.1098944
- **HC** = 98.91215863
- **GC** = 93.06479037
- **FG** = 46.94837885
- **FC** = 46.11641152
- **CE** = 7.58620673
- **EF** = 38.53020479
- **GH** = 5.847368263
- **FH** = 52.79574711
- **AD** = 262.3713715
- **DM** = 116.2602377

What is the purpose of this Cut-off section we will see from the geometry that through its measures gives its frontal part (*Figure 42*):

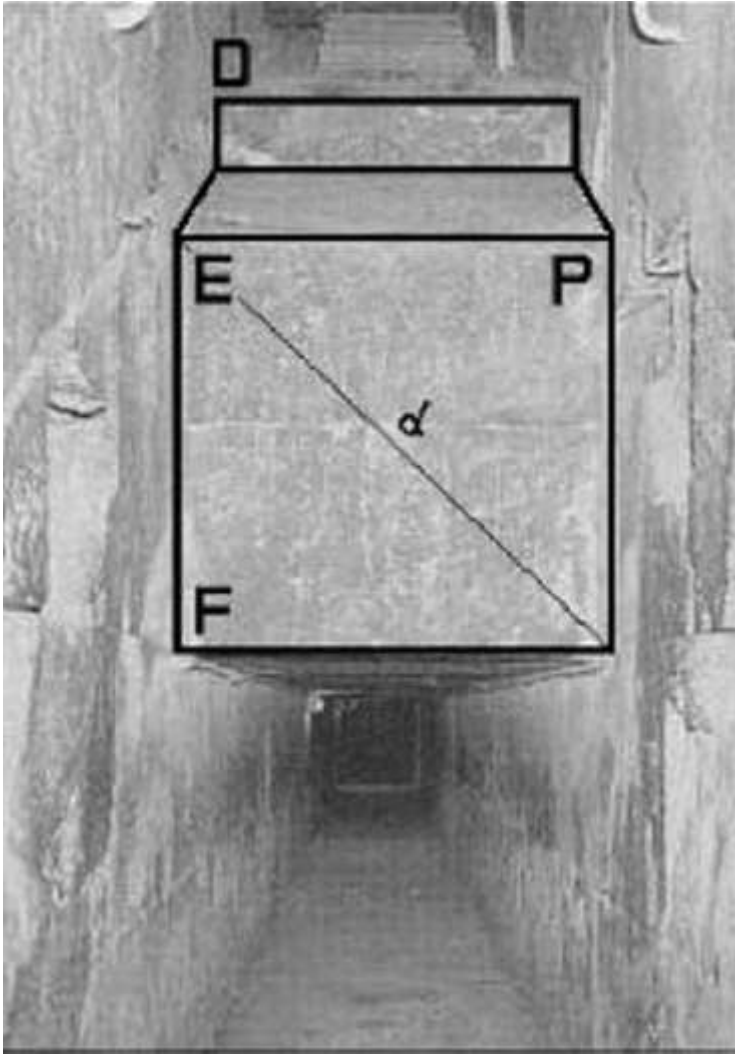


Figure 42. Measures of the Cut-off part.

- **EP** = 41.21316378 inches;
- **EF** = 38.53020479 inches;
- **d** = 56.41898218 inches

$$41.21316378^2 + 38.53020479^2 = 1484.576681 + \\ + 1698.524869 = \mathbf{3183.10155} \text{ inches:}$$

3183.10155 x 4 = **12,732.4062** inches: tangent of the Pyramid slope angle = **1.273240621**

- **d** = 56.41898218 inches;
- width of the King's Chamber = 206.0658189 inches;
- height of the Pyramid = 5813.011885 inches:

$$2d = 112.8379644$$

206.0658189 : 112.8379644 = 1.82621 inches = 5000th part of the Pyramid's base.

5813.011885 : 1.82621 = 3183.101552 inches:

$$\sqrt{3183.101552} = 56.41898218 \text{ inches} = d \text{ (Figure 42).}$$

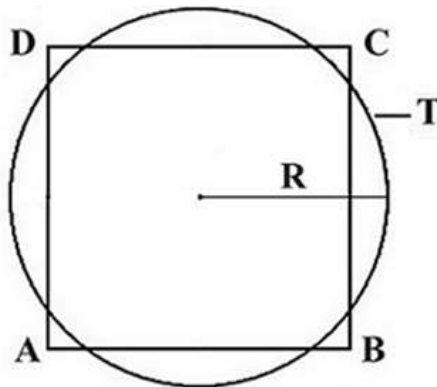


Figure 43. Geometry of the number 12.73240621.

- **AB** = 12.73240621 inches;
- surface area of the Square **ABCD** = 162,1141679 squared inches = surface area of the Circle **T**.
- **2R** = 14.36698798 inches;
- circumference of the Circle **T** = 45.13518577 inches;
- length of the King's Chamber = 412.1316378 inches:

412.1316377 : 45.13518577 = 9.13105 inches = 1000th part of the of the length of the Pyramid's base.

- **AH** = **FL** = 200.1098944 inches = 508.2791318 cm;
- 1 day = 2.466586509 cm:

- $508.2791318 \text{ cm} = 206.0658039 \text{ days}$ (width of the King's Chamber = 206.0658039 inches):

- 1 year = 365.242 days:

$365.242 : 206.0658039 = 1.772453231 \text{ days};$

$1.772453231 : 2 = 0.886226615 \text{ days} = \mathbf{AB}$ (Figure 44).

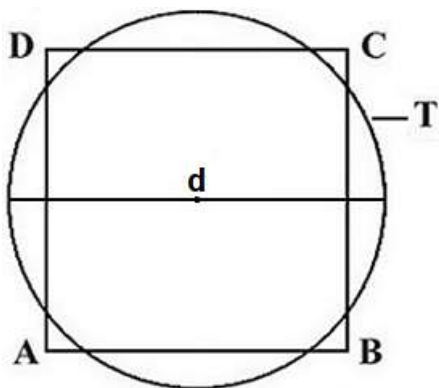


Figure 44. Geometry of the number **1** (one).

- $d = 1 \text{ day}$

- circumference of the Circle $T = 3.14159 \text{ days}$.

- DM (Figure 41) = 116.2602377 inches:

$116.2602377 \times 3.14159 = 365.242$

QUEEN'S CHAMBER PASSAGE

The Passage of the Queen's Chamber represents the time from the beginning of the creation of the world until the time of the construction of the Tower of Babel. The Queen's Chamber is the symbol of the Earth and human life on Earth.

There are two "air- channels" leading upwards. Their existence was not known until 1872, and only

then the walls were spaced and the channels were connected to the Chamber: the channels were blocked at both ends and enclosed in the stone building. The channel's symbolism is clear: people from the Earth do not go to deep space, people have no way out of the Earth. All stories about how people will inhabit other distant planets in the future are just fun fantasies.



Figure 45. *The niche in the Queen's Chamber.*

The length of a Pyramid's base side at the base socket level is 365.24 sacred cubits or 913.05 inches:

$$9131.05 : 6 = 1521.841667 \text{ inches} = \mathbf{AD} \text{ (Figure 46).}$$

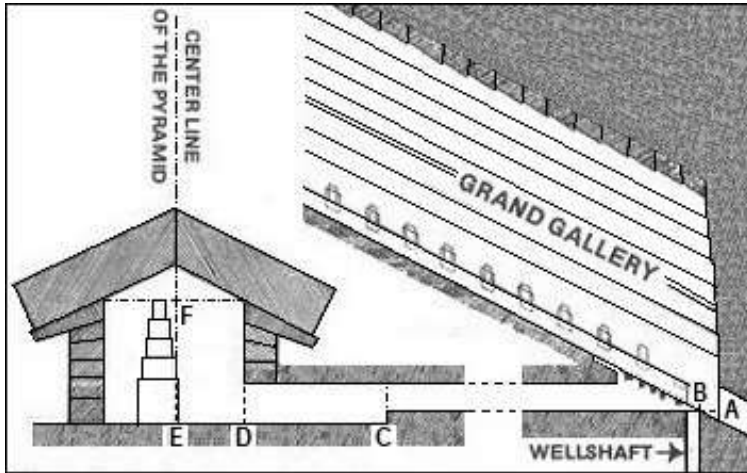


Figure 46. Vertical section of Queen's Chamber and Passage.

- **AB** = 22.41164077 inches,
 - **AD** = 1521.841667 inches,
 - **BC** = 1282.863226 inches,
 - **DC** = 216.5668 inches,
 - **DE** = 103.0329095 inches,
 - **EF** = 184.2383091 inches,
 - Height of downward step in body of passage (**C**) = 20.60658189 inches,
 - Width of the Passage = 41.21316378 inches,
 - height of low first portion = 46.94837885 inches:
- $$(1282.863226 \times 41.21316378) \times 46.94837885 =$$
- $$= 2.482,200.801 \text{ cubic inches} = 40,676.07275 \text{ liters:}$$
- 1 year = 5.481125699 liters

40,676.0569 liters = **7421.11657** years from the beginning of the creation until the beginning of the new Sumerian civilization after the biblical flood (2579 BC or 47 years after the flood because the niche in the Chamber is a symbol of the Tower of Babel.

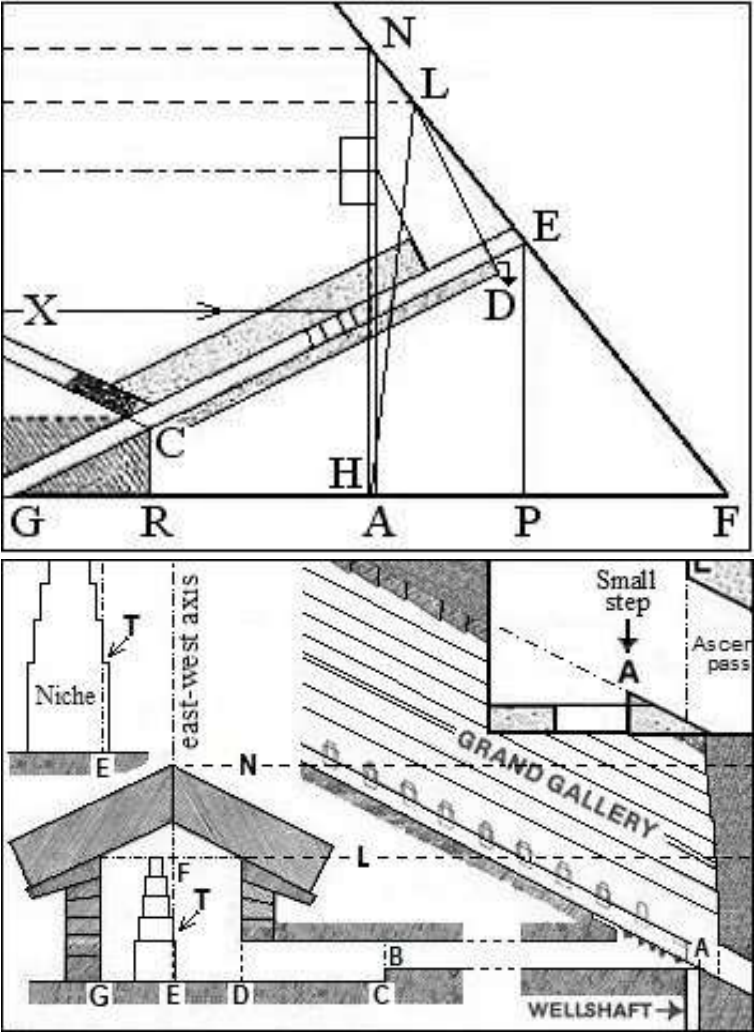


Figure 47. Horizontal directions of the height of the Queen's Chamber.

- Actual length of floor of first portion from the Small step (**AB**) = 1282.863226 inches,
- **BC** = 20.60658189 inches,
- **CD** = 216.5668 inches,
- **DE** = 103.0329095 inches,
- **EF** = 184.2383091 inches

.....
Total: 1807.307826 inches

- $\text{Pi } (\pi) = 3.14159$
- $\text{Phi } (\varphi) = 1.618033988$

$(1807,307826 \times 3.14159) \times 1.618033988 =$
 $= 9186.906053 \text{ inches} = 367.4762421 \text{ sacred cubits},$

- 1 sacred cubit = 20.19176875 years:

$367.4762421 \times 20.19176875 = 7419.995302 \text{ years}$
 from the beginning of the creation to the new Sumerian civilization (2580 BC).

- **T** = 5.151645473 inches
- Pyramid's angle of slope (β) = 51.85399754°
- $\text{tangent } 51.85399754^\circ = 1.273240621$

$5.151645473 \times 1.273240621 = 6.559284281$

$(6.559284281 \times 10) \times 3.14159 = 206.065819 = \mathbf{DG}$
 = Queen's Chamber width north to south (*Figure 47*).

Because the Queen's Chamber symbolically represents the Earth, its measures also show the time of the Earth:

- 1 year = 365.242 days,
- **DG** = 206.0658189 (inches),

$365.242 : 206.0658189 = 1.772453102$

$1.772453102^2 = 3.14159 = \mathbf{\text{Pi}}$

THE "CROSSES" IN THE GALLERY

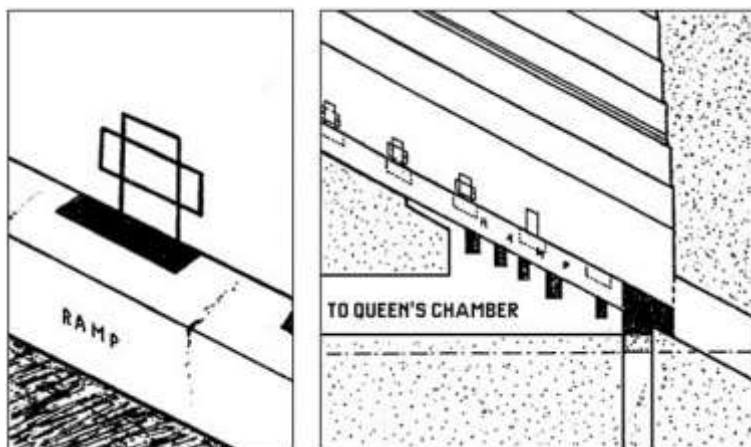


Figure 48. *The Crosses in the Grand Gallery.*

The cross associated with the Sun and the Christ. The Grand Gallery with the crosses is the way of the salvation that leads to the King's Chamber from which goes to resurrection and eternal life in the heavenly light. The holes below the crosses are symbols of time, suffering and physical death.

The number of ramp-holes (designed) including Great Step is 56. The ancient builders of the Great Pyramid were following an 18.6 years repeating pattern of solar and lunar eclipses called the Saros cycle: every 18.6 years eclipses will occur at about the same season of the year. After three of these seasonal cycles, or 56 years, the eclipses will occur on, or about, the same day.

Beneath the "crosses", are the holes in which the batteries were placed, and the "crosses" used for the bearings of the dashboards with instruments for measuring the power of each battery. The batteries

supplied the appliances in the Coffin of the King's Chamber and loaded with a charger from the Coffin.

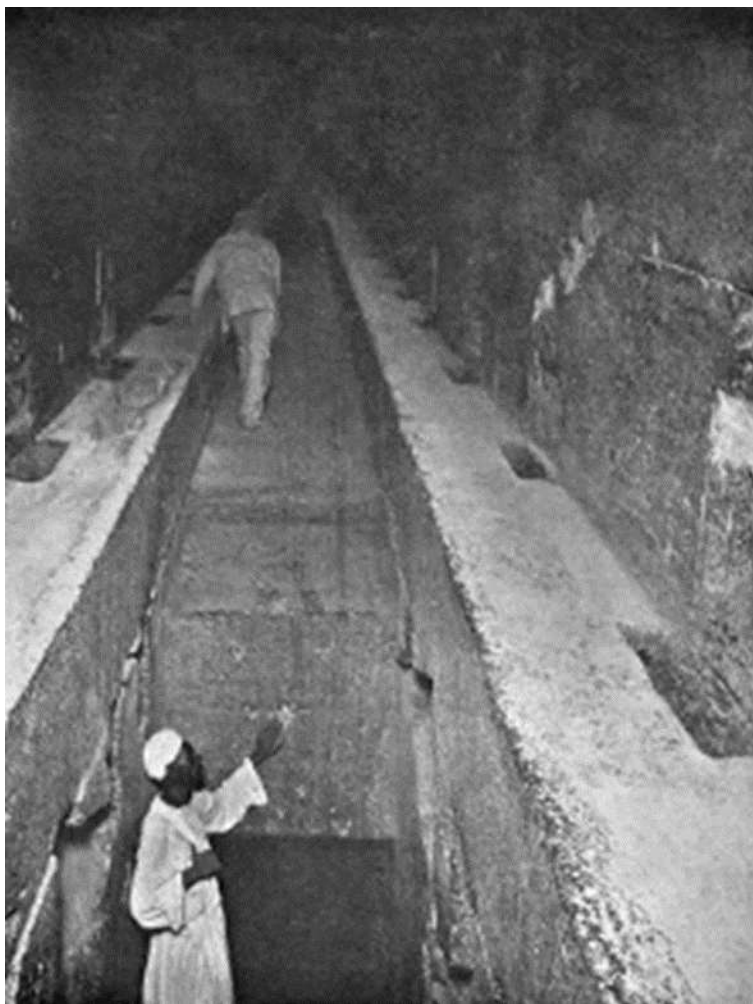


Figure 49.

The purpose of the main apparatus is the production of radiant energy which was used at the top of the Pyramid by Alien's spacecraft. There is also the answer to why the Antechamber and King's Chamber

with a Coffin are made of granite: the granite contains a multitude of quartz crystals that have strong radiation and therefore have amplified the energy of the appliances placed in the Coffin. The liberated energy accumulated in the metal energy-catcher at the top of the Pyramid, and there, as needed, "sucked out" by Alien's spacecraft, just like they are doing today over power plants, transmission lines and transformer stations.

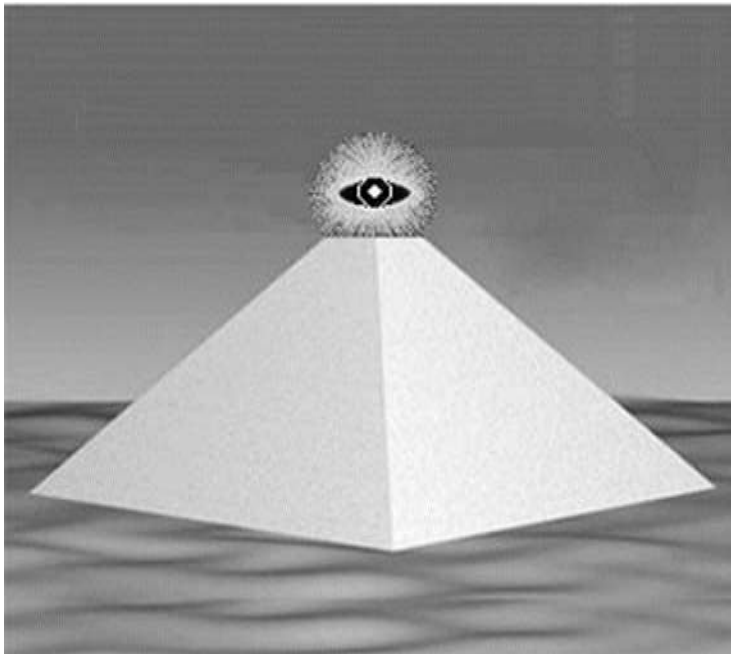


Figure 50. *The "flying saucer" on the Great Pyramid has become famous in the symbology as "God's All-seeing eye".*

Because the granite is radioactive and releases a very dangerous carcinogenic gas radon, two ventilation channels are made from the King's Chamber to the outside of the Pyramid, but are placed at angles that fit into the symbolic measures of the Pyramid and geometry.

The first rulers of ancient Egypt were the gods, that is, Aliens. Speaking of the first human rulers of Egypt, Herodotus says this:

"However before their time Egypt was, indeed, ruled by gods who lived on earth among men, sometimes one of them, sometimes another being supreme above the rest. The last of them was Horus the son of Osiris – Horus is the Apollo, Osiris the Dionysus, of the Greeks. It was Horus who vanquished Typhon and was the last god who sat upon the throne of Egypt." (Herodotus, History, Book II, Section 144, 2)

THE RAMP

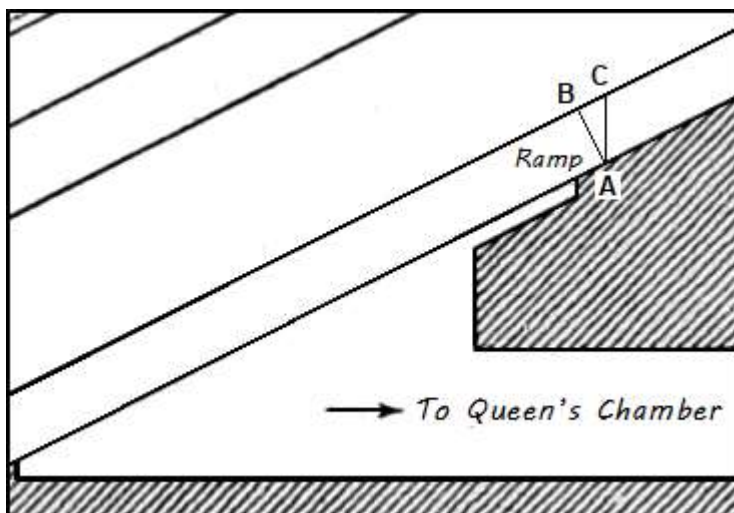


Figure 51. Perpendicular height **AB** is 20.0006176 inches.

- **AB** = 20.0006176 inches;
- Angle of ascent = 26.30268975°
- Tangent $26.30268975^\circ = 0.494289196$
- Sine $26.30268975^\circ = 0.443113275$

$20.0006176 \times 0.494289196 = 10.38037837$ inches =
= **BC**.

- Number of ramp-holes (designed) including Great Steps = 56

$10.38037837 \times 56 = 581.3011887$ 10th part of the Pyramid's height;

$10.38037837 : 0.443113275 = 23.42601532$ inches =
= **AC** : $23.42601532 \times 56 = 1311.856858$ inches:

$1311.856858 \times 3.14159 = 4121.316378$ inches = 10th part of the King's Chamber length.

THE ROOF OF THE GALLERY

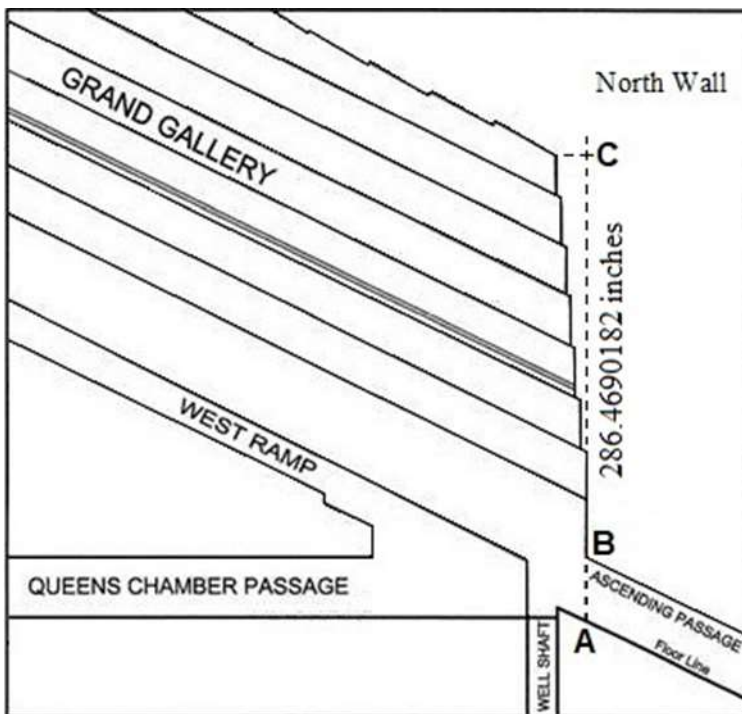


Figure 52. *The Roof of the Gallery.*

The height above Ascending Passage roof-line:

- **AB** = 52.79574711 inches,
- **BC** = 286.4690182 inches,
- **AC** = **AB** = **BC** = 339.2647653 inches
- The base of the Pyramid = 9131.05 inches,
- Height of the Pyramid = 5318.011885 inches:

$9131.05 + 5318.011885 = 14,944.06189$ inches =
= 37,957.91719 cm:

- 1 day = 2.466586509 cm:

$37,957.91719 \text{ cm} = 15,388.8449 \text{ days} = 42.13328393$
years:

$42.13328393 \times 286.4690182 = 12,069.88048$ years
from the beginning of the Creation to the time of the
transformation of this world (2070 AD).

Extreme height of the Grand Gallery (**AC**):

- **AC** = 339.2647653 inches:

$339.2647653 \times 5 = 1696.323827$ inches:

$1696.323827 \times 3.14159 = 5329.15397$ inches =
= 213.1661588 sacred cubits :

- 1 sacred cubit = 20.19176875 years:

213.1661588 sacred cubits = 4304.201784 years from
the creation of Adam to 23 AD: 8 years before the
resurrection of Jesus.

- Length of roof = 1836.971 inches,
- The roof is covered with 40 stone-blocks:

$1836.971 : 40 = 45.924275$ inches:

- Length of the Antechamber = 116.2602377 inches:

$45.924275 \times 116.2602377 = 5339.167128$ inches
= 213.5666851 sacred cubits = 4312.289118 years

from the creation of Adam to the April 15, 31 AD: the resurrection of Jesus Christ.

THE GREAT STEP

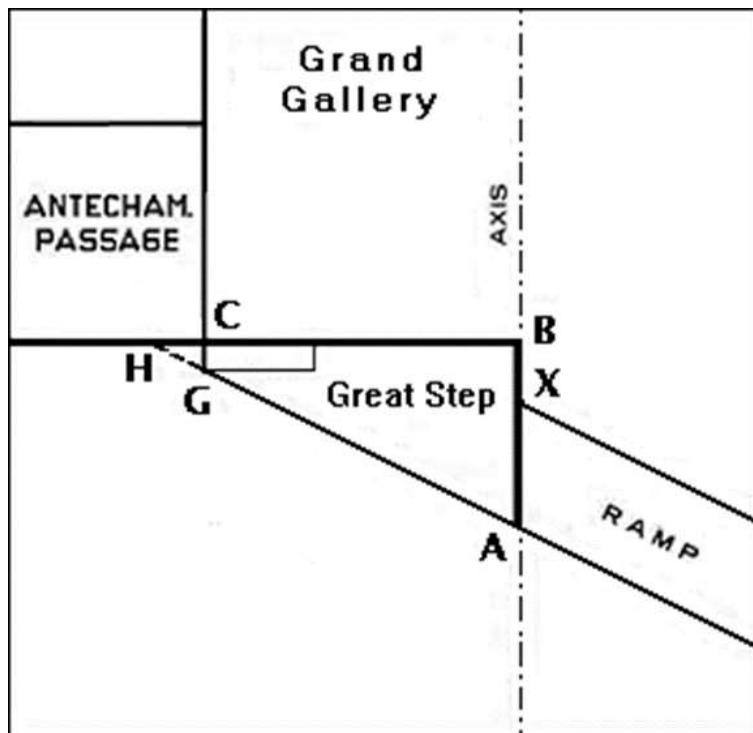


Figure 53. *The Great Step.*

Length in inches:

- **AB** = 36
- **BC** = 61.77445169
- **BH** = 72.83185692
- **AH** = 81.24333445
- **GA** = 68.9088903
- **CG** = 5.465555943

Vertical height from the Pyramid's base:

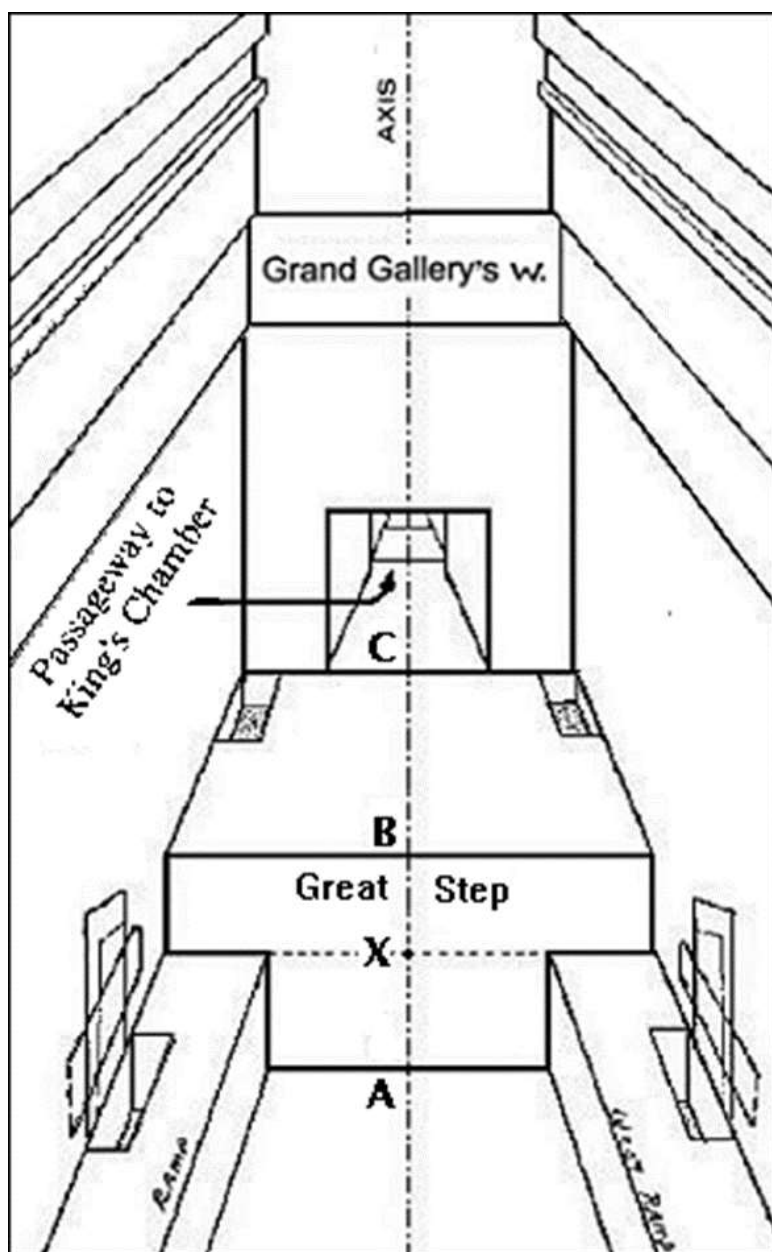


Figure 54. *The Great Step in the Grand Gallery*

- **A** = 1663.511858 inches,
- **X** = **1686.384771 inches**,
- **B** = 1699.511858 inches

$1686.384771 \times 3.14159 = 5297.929533$ inches =
= 211.9171813 sacred cubits:

- 1 sacred cubit = 20.19176875 years:

211.9171813 sacred cubits = 4278.982719 years from
the creation of Adam to the December 25, 4 BC: **nati-
vity of Jesus Christ.**

B = 1699.511858 inches above Pyramid's base:

$1699.511858 \times 3.14159 = 5339.169458$ inches =
213.5667783 sacred cubits:

213.5667783 sacred cubits = **4312.291 years from
the creation of Adam to the April 15, 31 AD. It was the
day of Christ's resurrection.**

The Great Step is the footstool of Jesus Christ.

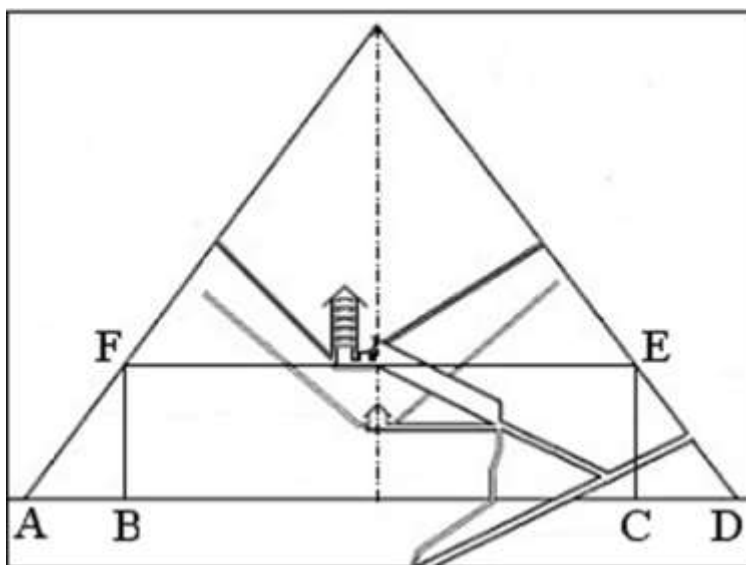


Figure 55. *The Great Step above Pyramid's base.*

- **BF = CE** = 1686.384771 inches
- **AB** = 1324.482382 inches = **CD**
- **AB + CD** = 2648.964765 inches

2648.964765 x 2 = 5297.929529 inches =
 = 211.9171812 sacred cubits = 4278.982716 years
 from the creation of Adam to the December 25, 4 BC:
 Jesus Christ was born.

This is not history, these are the numbers of the Great Pyramid:

“In that day shall there be an altar to the LORD in the midst of the land of Egypt, and a pillar at the border thereof to the LORD.

And it shall be for a sign and for a witness unto the LORD of hosts in the land of Egypt.” (*Isaiah, 19:19*)

“Jesus saith unto them, Did ye never read in the scriptures,

The stone which the builders rejected, the same is become the head of the corner: this is the Lord's doing, and it is marvellous in our eyes?”

(*Mat. 21:42*)

“To whom coming, as unto a living stone, disallowed indeed of men, but chosen of God, and precious,

Ye also, as lively stones, are built up a spiritual house, an holy priesthood, to offer up spiritual sacrifices, acceptable to God by Jesus Christ.”

(*1. Pet. 2:4-6*)

“And are built upon the foundation of the apostles and prophets, Jesus Christ himself being the chief corner stone; In whom all the building fitly framed together groweth unto an holy temple in the Lord.”

(*Eph. 2:20-21*)

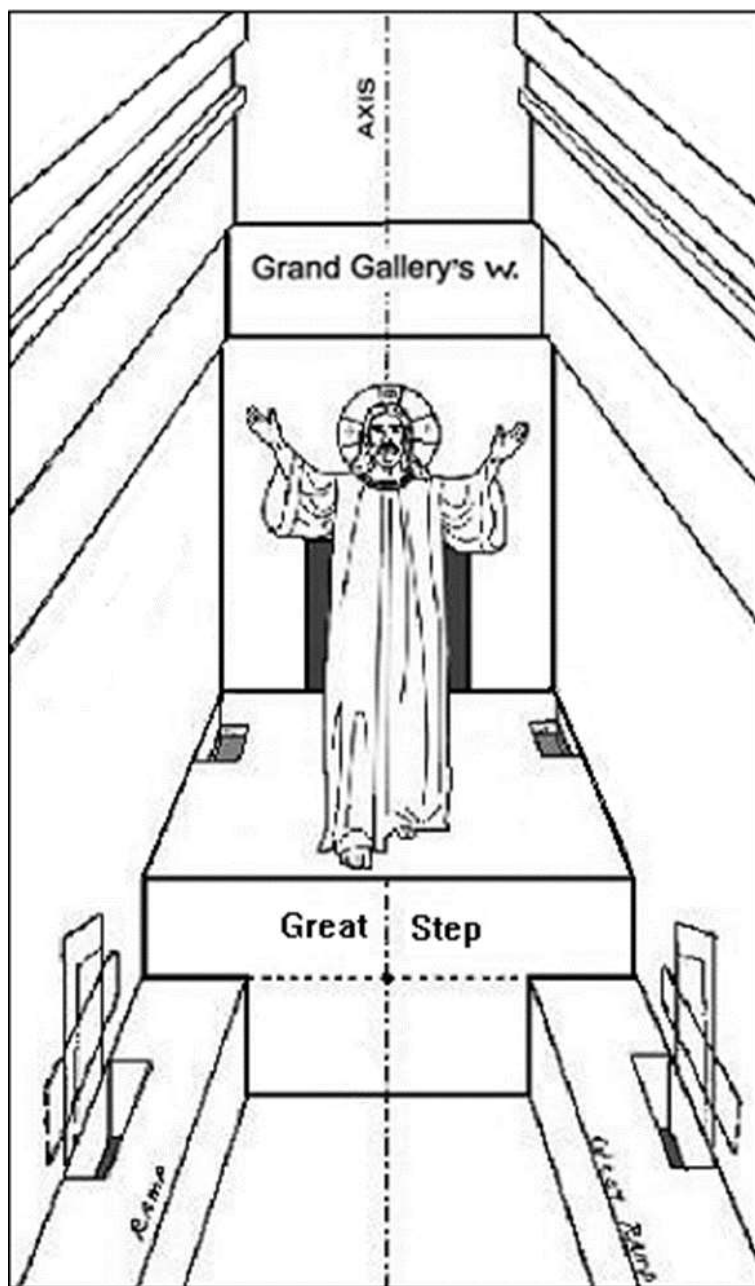


Figure 56. *Jesus on the Great Step.*

THE QUEEN'S CHAMBER SOTHERN SHAFT

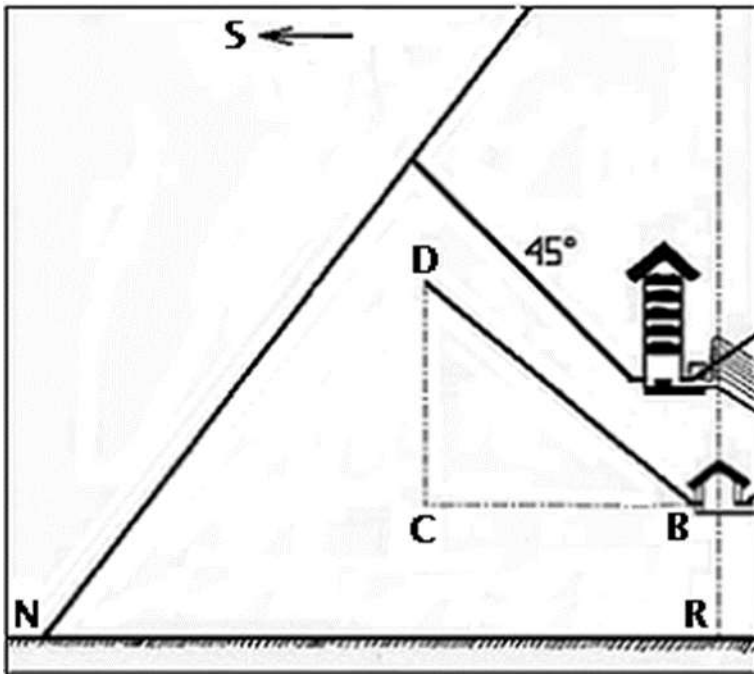


Figure 57. The southern "air-shafts" of the Queen's Chamber.

- The angle of elevation = 39.5836879° .
- Tangent of $39.659801^\circ = 0.826792516$
- Sine of $39.659801^\circ = 0.637204598$
- **D** = sealed rock,
- **BD** = 2351.4127 inches,
- **CD** = 1498.330986 inches,
- **BC** = 1812.221274 inches

South Queen's Chamber shaft is the wrong way: the door is closed and sealed (D), the way to the Heaven is blocked. The sealed rock in point **D** is known as Gantenbrink's door. Above about one span from this "door" there is another sealed door. From the start of the entrance part of the shaft into the Queen's

Chamber to the end of the second sealed rock is 2351.4127 inches.

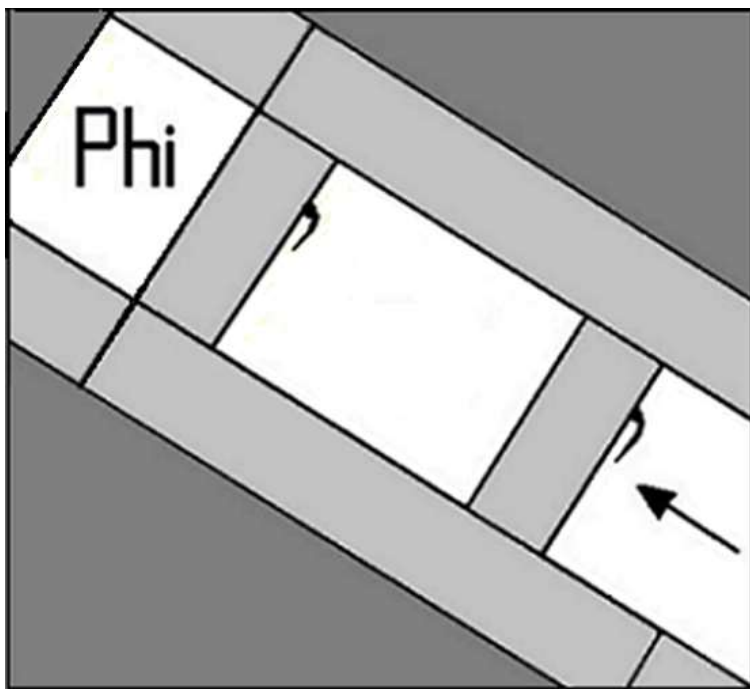


Figure 58. Sealed rocks in the Southern Queen's Chamber shaft: the "room" of the number Phi.

- One half of the length of the first Pyramid's base is 4565.525 inches.

- Number Pi (π) = 3.14159

- $4565.525 : 3.14159 = 1453.252971$ inches

- Number Phi (ϕ) = 1.618033988

$1453.252971 \times 1.618033988 = 2351.4127$ inches =
= **BD**.

- **BC** = 1812.221274 inches = the length of the Grand Gallery from the North wall to the Great Step.

THE QUEEN'S CHAMBER NORTHERN SHAFT

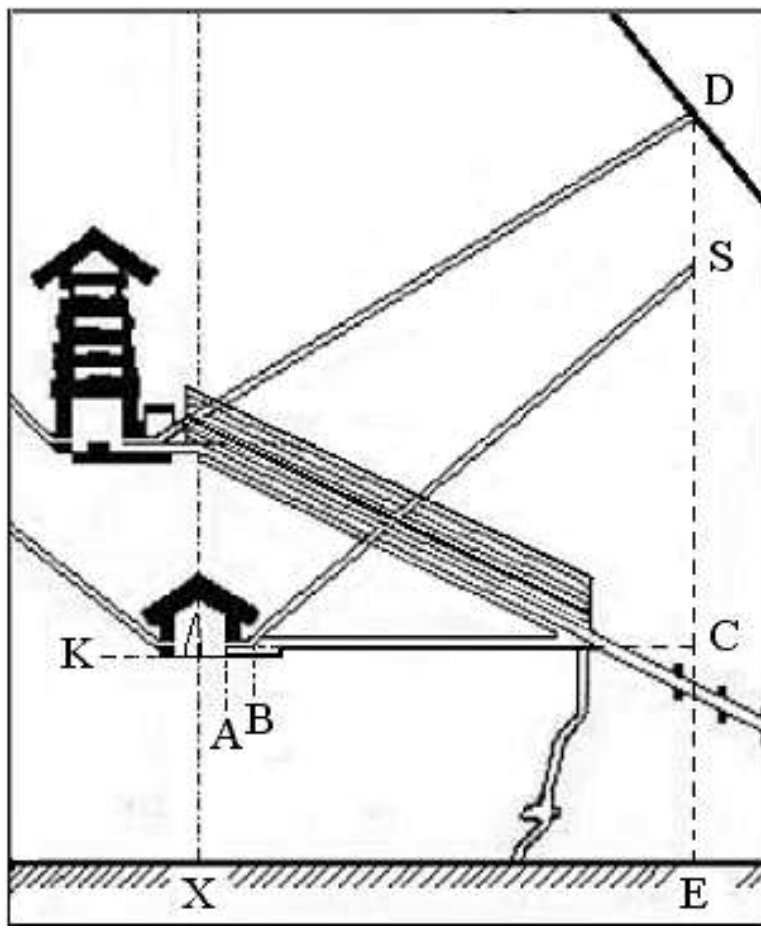


Figure 59. *The Northern shaft of the Queen's Chamber (BS).*

- The angle of elevation = 36.933403°
- Tangent $36.933403^\circ = 0.751733281$
- Sine $36.933403^\circ = 0.600886333$

AB (length of initial, horizontal portion of the shaft) =
= 75.98422519 inches,

- **BC** = 1778.076956 inches,
- **BS** = 2224.446706 inches,
- **CS** = 1336.639624 inches,
- **ED** = 3189.977993 inches,
- **EC** = 913.3233425 inches
- **XK** (Pyramid's base – Queen's Chamber floor) =
= 845.7333425 inches.

BC + SB = 5339.163286 inches = 213.5665314
sacred cubits = **4312.286015 years from the creation
of Adam to the dawn of Nisan 14 (Saturday, April 7)
31 AD: Jesus Christ lead Adam, Eve and other righ-
teousness out of Hell into the Heavenly Kingdom.**

THE GRANITE BALL AND BRONZE

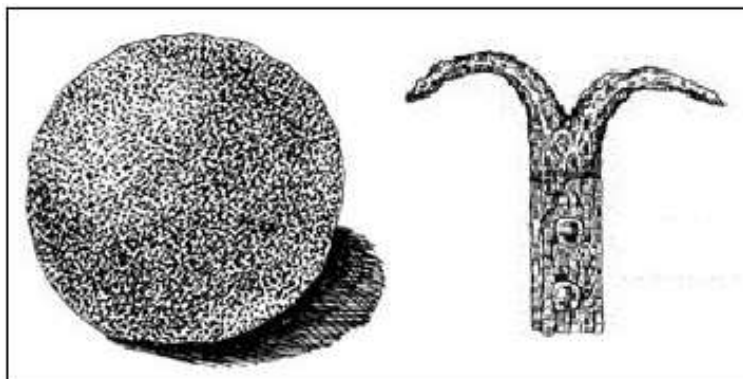


Figure 60. *The granite ball and bronze hook.*

In the Northern channel of the Queen's Chamber, a granite ball and grapnel little bronze hook was found.

The ball weights 8.325 grains = 539.46 grams.
Diameter of the ball is 2.914878002 inches =
7.403790125 cm.

- Volume of the ball = 0.212500792 liters =
= 14.16027371 days:

$14.16027371 \times 365.242 = 5171.92669 \text{ days} =$
 $= 12,757.00335 \text{ cm}$ which is the length of Earth's
 equatorial diameter in kilometers.

- Bronze is an alloy of copper and tin. Specific gravity of copper = 8.96 g/cm^3 :

$8.96 \text{ kg (liters of water)} = 597.0615509 \text{ days}$: the
 Great Pyramid has total 597.7624754 Sacred Cubits.

- The melting point of tin is 231.9°C : the length of the
 Pyramid's base = 231.92867 meters .

THE WELL-SHAFT (THE WELL OF LIFE)

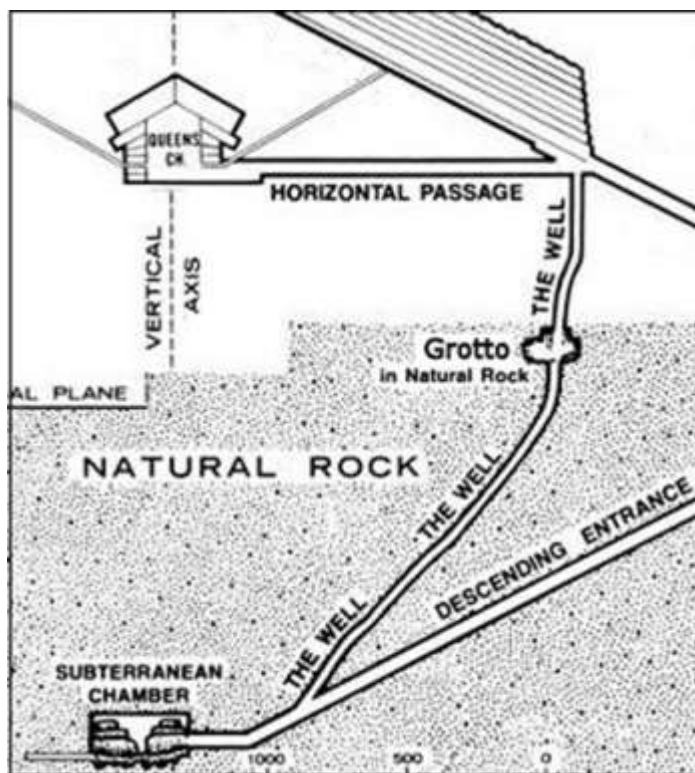


Figure 61. *The Well-Shaft.*

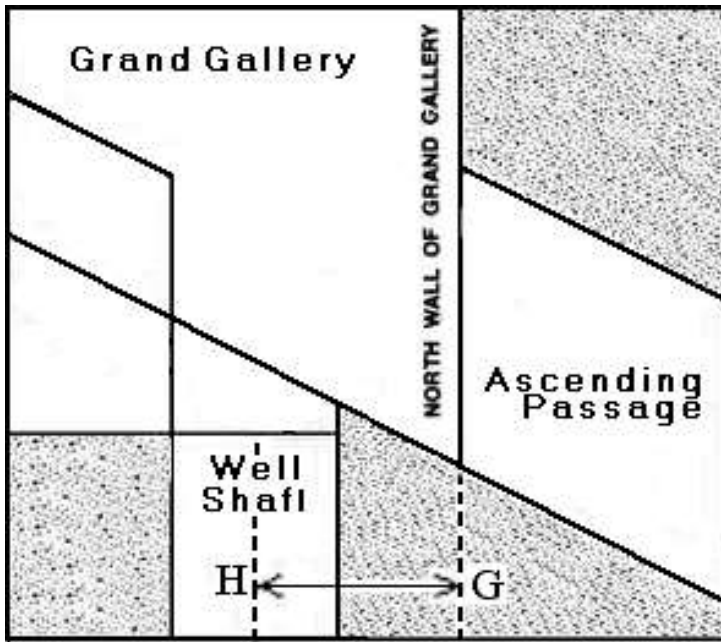


Figure 62. Distance **HG**: 35.27234252 inches.

- **HG** = 35.27234252 inches,
- $\text{Pi} = 3.14159\dots$
- $3.14159^2 = 9.869587728$

$35.27234252 \times 9.869587728 = 348.1234789$
inches = 884.2336363 cm:

- 1 day = 2.466586509 cm:

$884.2336363 \text{ cm} = 358.4847806 \text{ days}$

- 1 year = 365.242 dana:

$365.242 - 358.4847806 = 6.75721944 \text{ days:}$

- December = 31 days:

$31 - 6.7572194 = \mathbf{24.2427806 \text{ days of December = December 25th, 4 BC: the winter solstice and the birth of Jesus}}$

THE GREAT STEP - THE KING'S CHAMBER

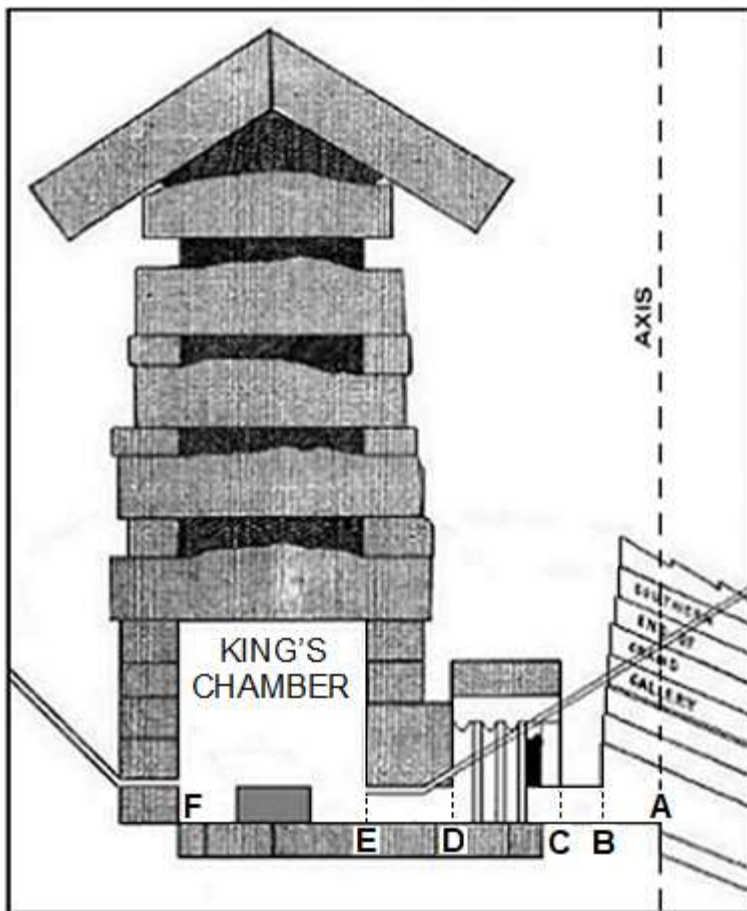


Figure 63. Distance AF.

- **AB** = 61.77445169 inches,
- **BC** = 52.09769524 inches,
- **CD** = 116.2602377 inches,
- **DE** = 100.5951944 inches,
- **EF** = 206.0658189 inches,
- **AF** = **536.7933979** inches

$536.7933979 \times 3.14159 = 1686.384771$ inches =
the height from the first Pyramid's base to the spot **X**
(Figure 64).

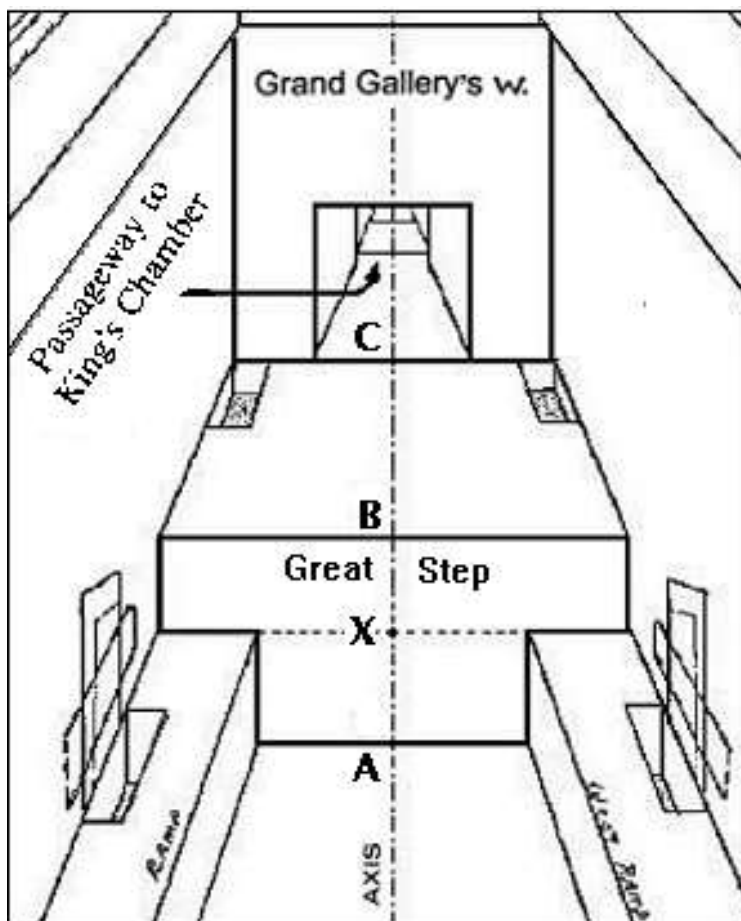


Figure 64. From the first Pyramid's base to the spot **X** the height is 1686.384771 inches.

$1686.384771 \times 3.14159 = 5297.929533$ inches =
= 211.9171813 sacred cubits:

- 1 sacred cubit = 20.19176875 years:

211.9171813 sacred cubits = **4278.982719 years** from the creation of Adam to 25th December 4 BC: the date of Jesus' birth.

THE ANTECHAMBER

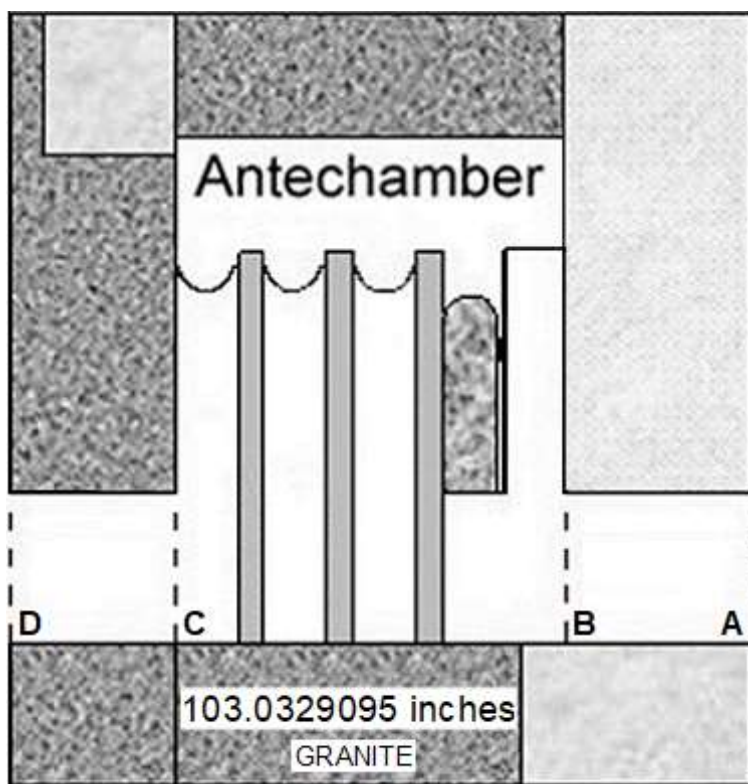


Figure 65. The Antechamber: the length of granite floor is 103.0329095 inches.

- **BC** = 116.2602377 inches,
- Height = 149.4406188 inches,
- Breath at top, East to West = 65.11473263 inches

Volume = 1,131,303.486 cubic inches = **18,538.75602 liters**:

• 1 year = 5.481125699 liters:

18,538.75602 liters = **3382.291013** years from
Adam's death to April 8 (Nisan 15), 31 AD: Resur-
rection of Jesus Christ.

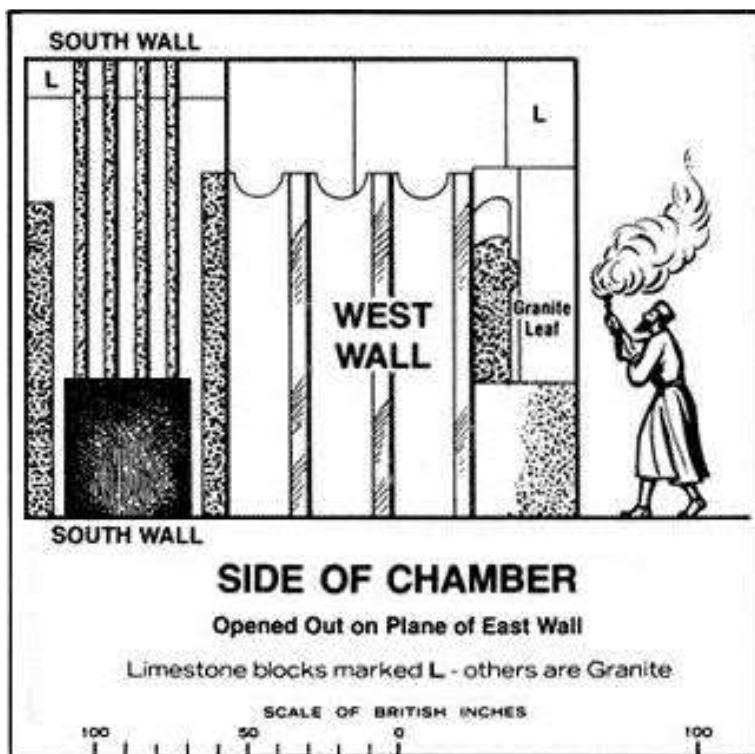


Figure 66. *The south and west wall.*

Granite Leaf:

- Length of the visible part = 41.21316378 inches,
- Width (thickness) = 15.75 inches,
- Height = 51.52893242 inches

Volume of the Granite Leaf = 33,447.80772 cubic inches
= 548.1125699 liters = 100 years = 1 century.

The three semicircles

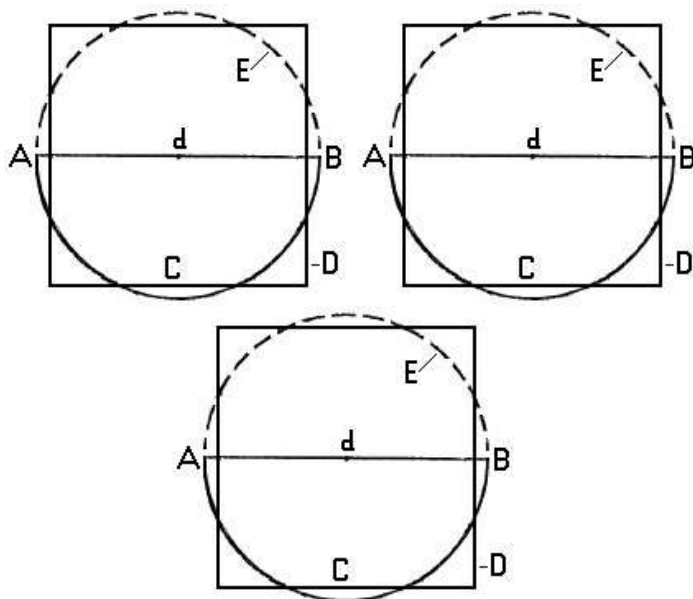


Figure 67. *Three semicircles.*

On the top of the western granite wainscot are three semicircles, which are above three vertical grooves (*Figure 66*).

- Diameter of the semicircles (**d**) = 17.17215157 inches
- Area of the circle **E** = 231.6002057 square inches =
= area of the square **D**,
- **C** = 15.21841666 inches,
- **4C** = 60.87366665 inches,

There are three semicircles (“three circles”):

$$60.87366665 \times 3 = 182.621 \text{ inches} = 463.85734 \text{ cm:}$$

Two lengths of the Pyramid's base = 18,262.1 inches = 46,385.734 cm: the speed at which the Earth rotates around its axis at the equator is 18,262.1 inches/sec = 46,385.734 cm/sec = 0.46385734 km/sec.

The Earth rotates on its axis once in 24 hours. Since the circumference of the Earth at the equator is 40,077.27418 km, a spot on the equator rotates with speed of 18,262.1 inches/sec, or 0.46385734 km/sec.

The four grooves



Figure 68. *Four grooves.*

The south wall has four vertical grooves. This indicates four lengths from the ceiling to the floor. Height of the Antechamber is 149.4406189 inches:

$$149.4406189 \times 4 = 597.7624756 \text{ inches} = \\ = 23.1049902 \text{ sacred cubits}$$

- The Great Pyramid (base + height) = 597.7624756 sacred cubits:

$$597.7624756 : 23.91049902 = 25$$

Granite part of the floor

- Length of granite part of floor = **103.0329095** inches (*Figure 65*). Jesus Christ's descent into hell and lead out Adam, Eve and other righteousness out of Hell into the Heavenly Kingdom on the Saturday, April 7, 31 AD: from winter solstice in that year (25 December) to April 7th there are 103.0329095 days.

- Height of west wainscot = 111.9000452 inches,
- Height of east wainscot = 103.0329095 inches:

$$111.9000452 - 103.0329095 = 8.867135725 \text{ inches} = \\ = 8.867135725 \text{ inches} = 22.52252474 \text{ cm:}$$

- 1 day = 2.466586509 cm:

$$22.52252474 \text{ cm} = 9.13105 \text{ days}$$

$$22.52252474 \times 40 = 900.9009896 \text{ cm} = 365.342 \text{ days} \\ = 1 \text{ year.}$$

THE KING'S CHAMBER

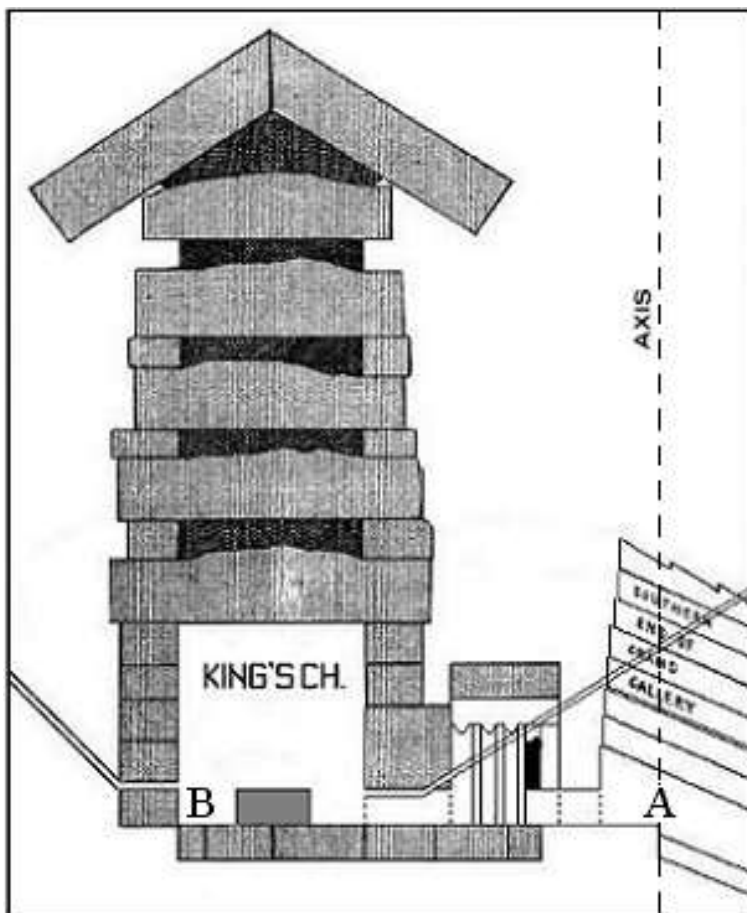


Figure 69. *The King's Chamber.*

- Length = 412.1316378 inches
- Width = 206.0658189 inches = $412.1316378/2 =$
= 10 Royal Cubits,
- Height = 230.3885895 inches =
= $206.0658189 \times 1/2\sqrt{5}$

$206.0658189 : 2 = 103.0329095$ = time from December 25 (winter solstice) to April 7, 31 AD: the day when

was Jesus Christ lead out Adam, Eve and other righteousness from the Hell into Heavenly Kingdom.

In the spiritual sense the King's Chamber is the symbol of the resurrection. The two air-channels from the King's Chamber are symbols of the ascent to Heaven.

THE COFFER OF THE KING'S CHAMBER

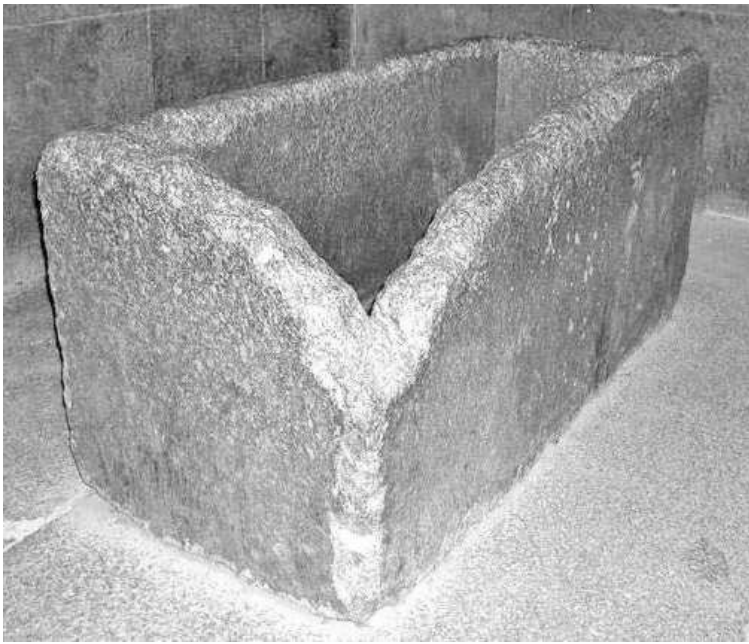


Figure 70. *The Coffin of the King's Chamber.*

External dimensions of the Coffin (in inches):

- Length = 89.80544
- Width = 38.50236
- Height = 41.21316

Volume: 142,503.8673 cubic inches:

- 1 cubic inches = 16.3871 cm³;

- $1 \text{ cm}^3 = 0.0610237 \text{ cubic inches}$;

External volume of the Coffin = 142,503.8673 cubic inches = 2335.225123 liters.

Internal volume of the Coffin $142,503.8673 : 2 =$
 $= 71,251.93365 \text{ cubic inches}$.

The word '*quarter*' is from old French *quartier*, from Latin '*quartarius*' which means "*fourth part*".

$71,251.93365 \text{ cubic inches} = 4.01309835 \text{ quarters}$
 (UK, liquid).

The Coffin is the basic source of metrology, the science of measurement (see "*Examining the precision of the measurements*," p. 23):

"Honest scales and balances are from the LORD; all the weights in the bag are of his making."
(Proverbs, 16:11)

- Height of the Coffin = $41.21316378 \text{ inches} =$
 $= 1.648526551 \text{ sacred cubits}$:

- $1 \text{ sacred cubit} = 20.19176875 \text{ years}$:

$1.648526551 \text{ sacred cubits} = 33.2866669 \text{ years}$ of Christ's life: from the December 25, 4 BC, to the April 7 (Saturday, Nisan 14), 31 AD: Jesus Christ's descent into hell and lead out Adam, Eve and other righteousness out of Hell into the Heavenly Kingdom.

SOUTHERN SHAFTS

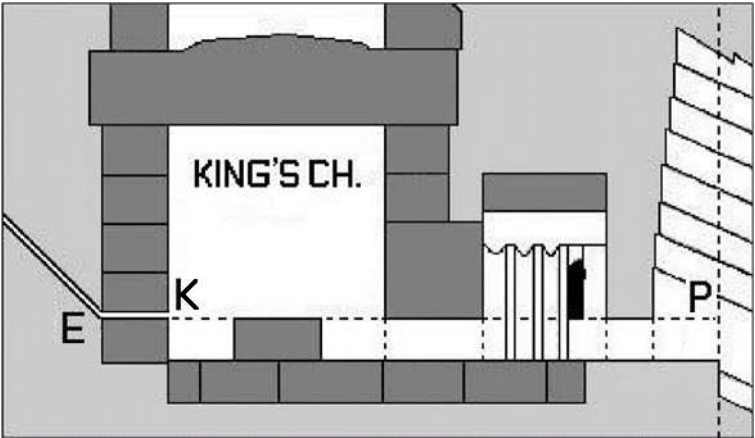


Figure 71. The length **PKA** is 606.8740546 inches.

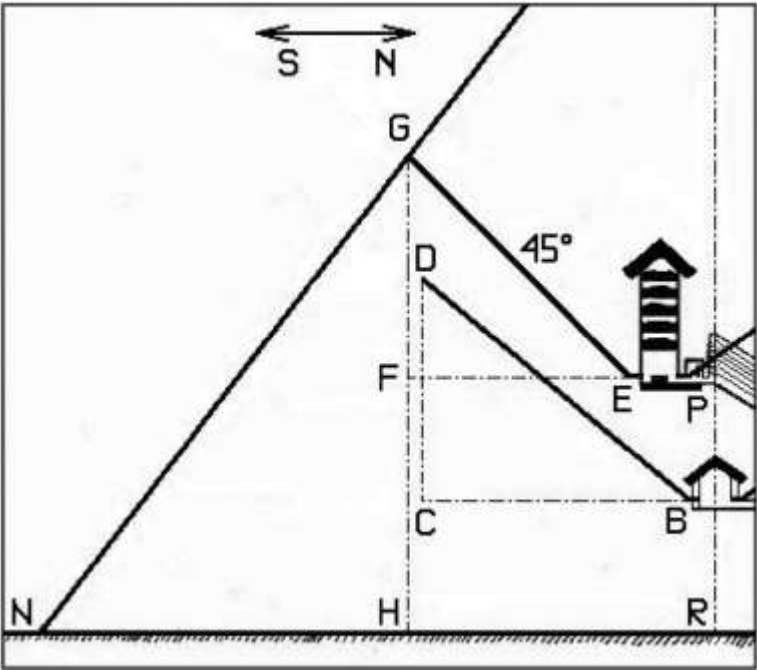


Figure 72. The southern "air-shafts" of the Great Pyramid.

- **PK** = 536.7933979 inches,
- **KE** = 70.0806567 inches,
- **PKE** = 606.8740546 inches,
- **NH** = 2505.400739 inches,
- **FP** = **HR** = 2060.124261 inches,
- **HG** = 3189.977993 inches,
- **EG** = 2055.21006 inches,
- **EF** = **FG** = 1453.252971 inches,
- **FP** = **HR** = 2060.124261 inches,
- **HG** = 3189.977993 inches,
- **EG** = 2055.21006 inches,
- **BD** = 2351.4127 inches
- **EF** = **FG** = 1453.252971 inches,
- **Phi** (Φ) = 1.618033988

$$1453.252971 \times 1.618033988 = 2351.4127 \text{ inches} = \\ = \mathbf{BD}.$$

$$1453.252971 \times 3.14159 = 4565.525001 \text{ inches} = \\ 182.621 \text{ sacred cubits} = \frac{1}{2} \text{ of the Pyramid's base.}$$

- The angle of elevation (β) = 32.48165854°
- Tangent = 0.63662031
- **AB** = 105.3290314 inches,
- **BC** = 2282.7625 inches
- **CD** = 1453.25297 inches,
- **BD** = 2706.094756 inches,
- **EC** = 1736.725022 inches

- 9131.05 x 0.63662031 = **5813.011885 inches** =
= height of the Great Pyramid.

- 222

$1453.25297 \times 3.14159 = 4565.525$ inches = **182.621**
sacred cubits = $\frac{1}{2}$ of the Pyramid base length.

- **BC** = 2282.7625 inches = $\frac{1}{4}$ of the Pyramid base length.
- **CD** = 1453.25297 inches,
- **Phi (Φ)** = 1.618033988

$1453.25297 \times 1.618033988 = 2351.4127$ inches =
= **BD** (Figure 72, page 220).

- **DE** = 3189.977993 inches = **HG** (Figure 72, page 220).

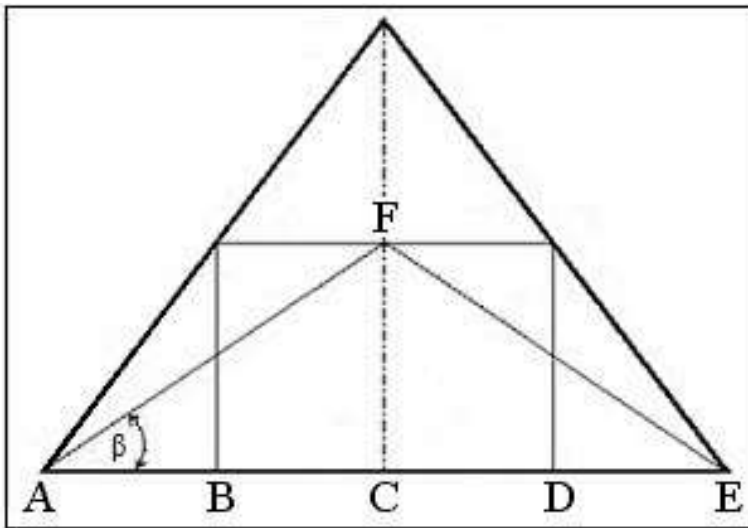


Figure 74. The angle of the northern channel of the King's Chamber and the proportion of the Pyramid.

- **AB** = 91.3105 sacred cubits = **BC** = **CD** = **DE**
- The angle of elevation (β) = 32.48165854°
- Tangent = 0.63662031 = 1.273240621: 2
- **AC** = 182.621 sacred cubits:

$182.621 \times 0.63662031 = 116.2602377$ sacred
cubits = **CF** = $\frac{1}{2}$ of the Pyramid's height..

THE GREAT SUBTERRANEAN CHAMBER

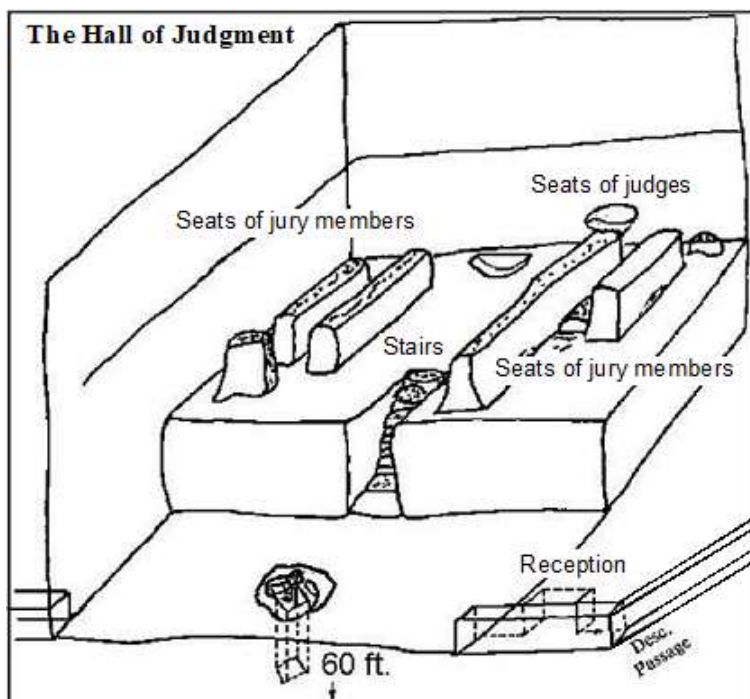


Figure 75. *The Great Subterranean Chamber.*

In the Subterranean Chamber there is a well of the Nile underground water. It has not been cleansed of stone pieces until today. The deep is about 18 m and 30 cm (60 feet). The methane is released from the depths of the earth and accumulates in the bottom. During the first archaeological research in the 19th century, several auxiliary workers in the well have lost their lives due to methane poisoning.

The Subterranean Chamber is the symbol of the Hall of Judgment in which the souls of the dead are judged.

THE SUN, EARTH AND THE BIRTH OF JESUS

- From the end of the Creation to 25 December 4 BC (when Jesus was born) = 4278.983 years;
- Earth – Sun (distance) = 149,597,870 km = 1 Astronomical unit (1 AU);
- Earth's equatorial radius 6378.50168 km:

$$149,597,870 : 6378.50168 = 23,453.44996$$

- 1 year = 5.481125773 kg (liters):

Symbolism: 23,453.44996 litres = 1,562,851.921 days = 4278.947598 years: about 12.93 days lesser from 4278.983 years from the creation of Adam to the day when was Jesus born.

- $(149,597,870 \times 2) \times 3.14159 = 939,950,344.8 \text{ km} =$ the Earth's orbit around the Sun:

$$939,950,344.8 : 23,453.44996 = 40,077.27418 \text{ km} =$$

= the length of the Earth's equator.

PRECESSION OF THE EQUINOX

Precession of the Equinox is the observed phenomenon where by the Sun moves backward through the constellations of the Zodiac at the rate of 50.291 arc seconds annually:

- From the creation of Adam to the beginning of 25 December 4 BC (when Jesus was born) 4282.98238 years past;
- The Great Pyramid (base and height) = 597.7624754 sacred cubits:

$$597.7624754 : 10 = 59.77624754$$

Symbolism: $59.77624754^\circ : 4278.98238 =$
 $= 0.013969734 \text{ degrees} = 0.838184067 \text{ arc}$

minutes = 50.291044 arc seconds annually.

$4278.98238 : 59.77624754 = 71.58332207$ years
for the movement of 1° .

THE SOLAR BOAT

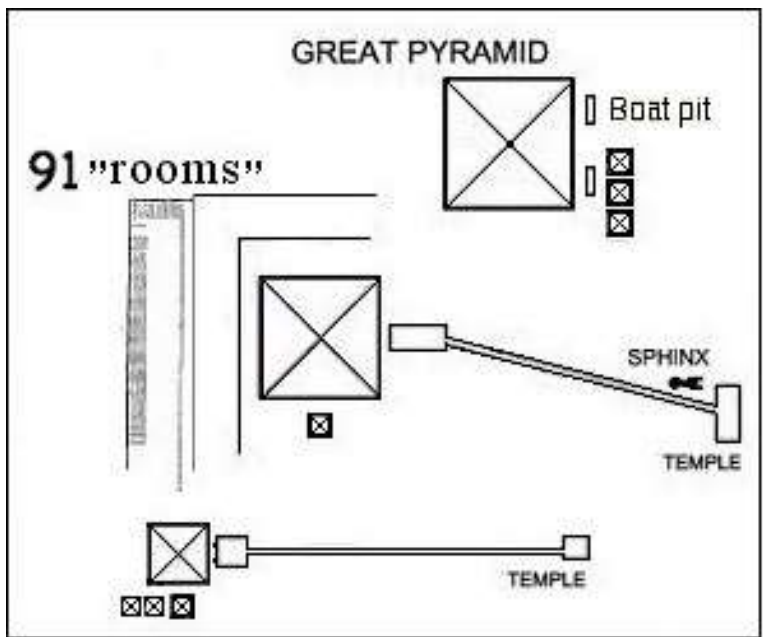


Figure 76. The Great Pyramid and the Boat pit.

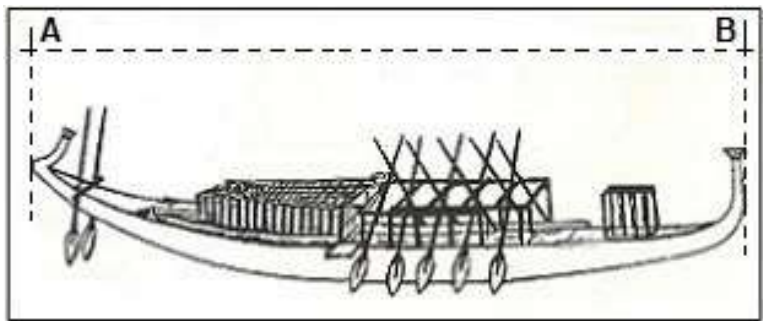


Figure 77. The Solar Boat.

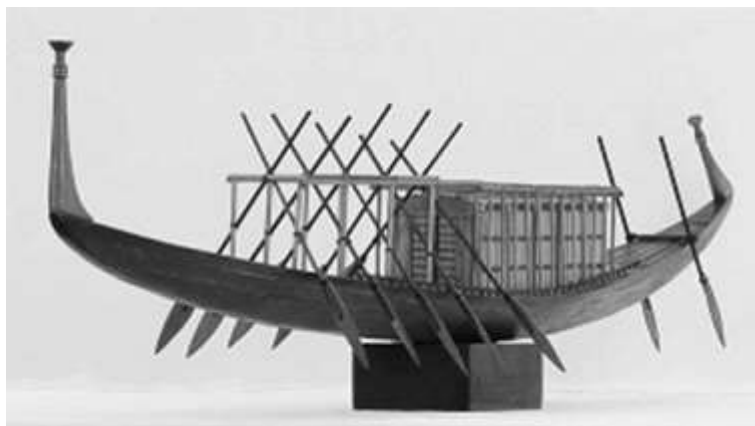


Figure 78. *The Solar Boat (model).*

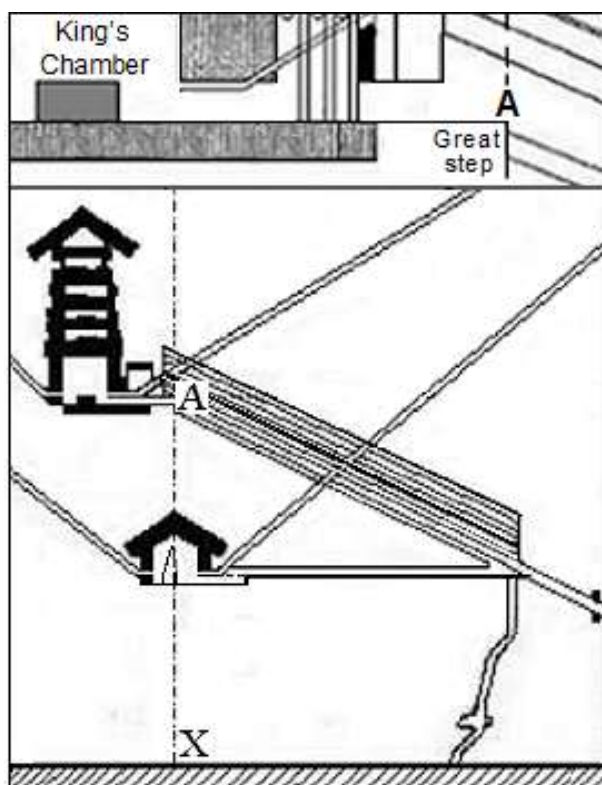


Figure 79. *Distance **XA** = 1699.511858 inches.*

- **AB** = 142 feet (officially) = 43.2816 meters (*Figure 77*),
- 12 oars = 12 months = 1 year = time,
- **XA** = 1699.511858 inches = 43.16760119 meters
- **Pi** = 3.14159

1699.511858 x 3.14159 = 5339,169458 inches =
= 213,5667783 sacred cubits:

- 1 sacred cubit = 20.19176875 years:

213.5667783 sacred cubits = **4312.291 years from the creation of Adam to the April 8 (Nisan 15) 31 AD: it was the day of Christ's resurrection.**

THE END (TRANSFORMATION) OF THE WORLD

The three pyramids of Giza are located on Earth just as the three stars in the belt of Orion.

From the western side of the middle pyramid, that corresponds to the middle star of Orion's belt (Al-nilam), there are "91 rooms" or "91 builders quarters" or "91 barracks". These are not the workers' barracks, not to any rooms. These units show that this star will be by 91 degrees away from North celestial pole at the time of the end of the this world. Current position is very close to 91°, exactly at 91° will be about the 2036 AD.

At a time when the Great Pyramid was built (3440 BC) declination of this star was about 16.7 degrees below the celestial equator (-16.7° DEC).

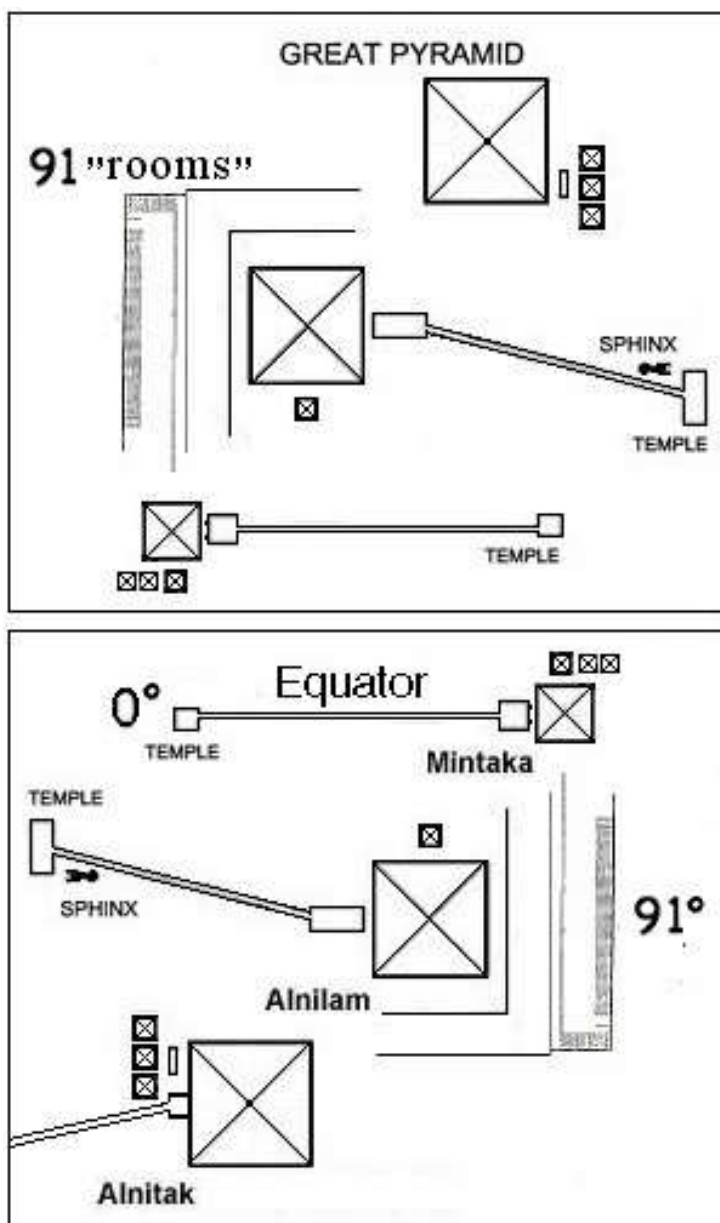


Figure 80. Giza pyramid complex and "91 barracks".

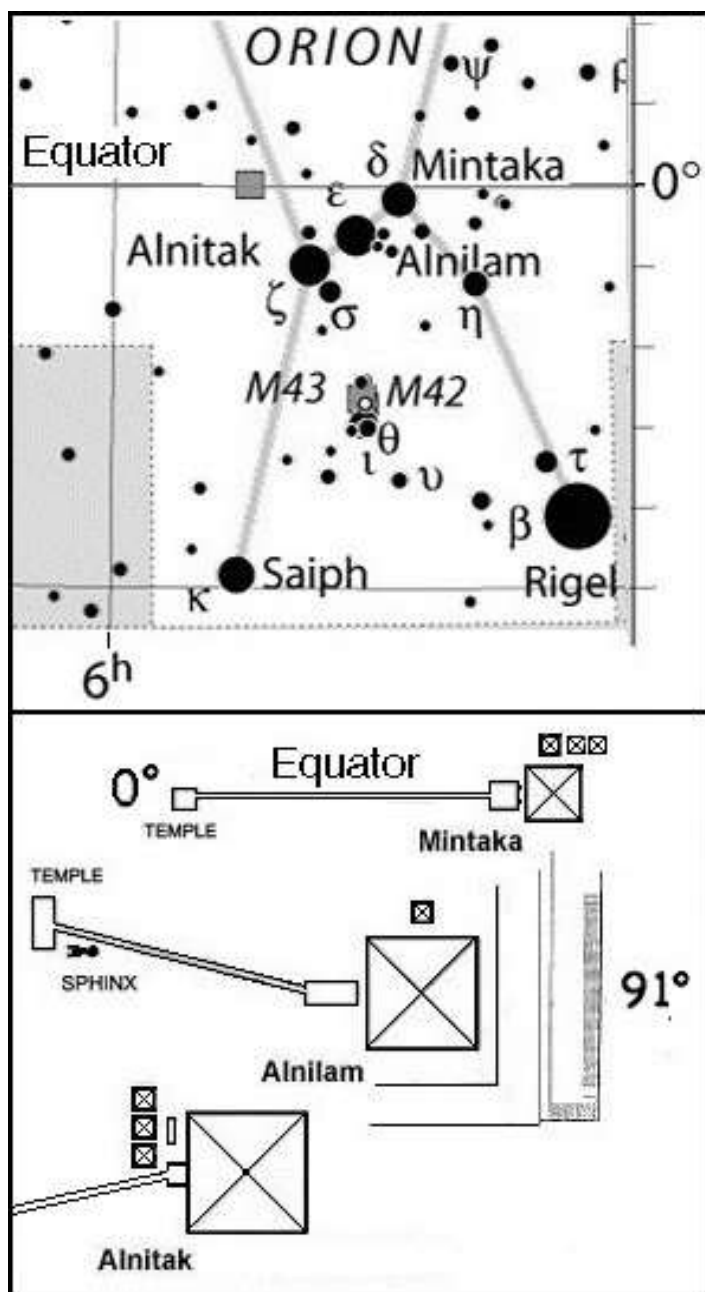


Figure 81. The Orion belt and "91 barracks".

THE SEAL OF THE TRUTH



Figure 82. The seal of the truth.

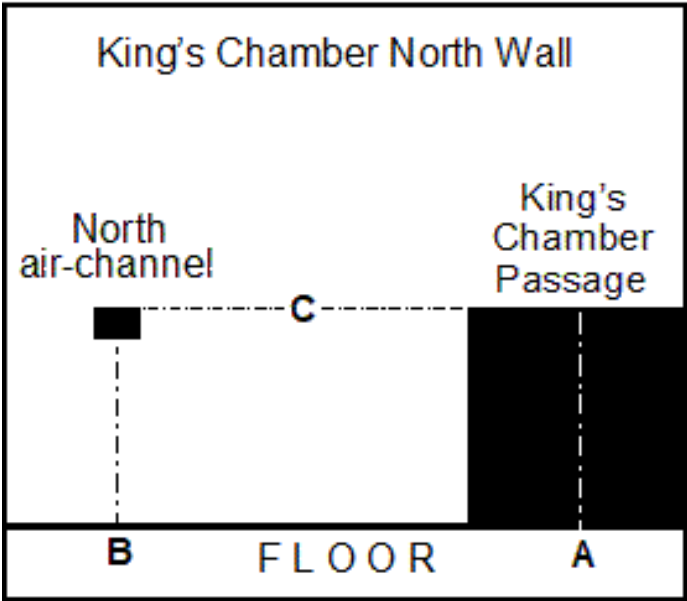


Figure 83. The seal of the truth.

- **AC** (height) = 41.21316378 inches = **CB** (*Figure 83*),
 - **AB** = 80.0439636 inches = 203.3116675 cm,
 - 1 day = 2.466586509 cm
- 203.3116675 : 2.466586509 = 82.42632756 days =
= 2 x 41.21316378 days.

This is the seal of the truth on the accuracy of the Great Pyramid's code.

THE EARTH, Pi (π) AND Phi (ϕ)

- Equator of the Earth = 40,077. 274 km;
- the speed of the Earth's rotation at the equator =
= 463.8310185 meters per second;
- **Pi** (3.14159...) and **Phi** (1.618033988...);
- $3.14159^2 = 9.869587728$
- **Phi** = 1.618033988

- 1) $9.869587728 \times 1.618033988 = 15.96932839$
- 2) $15.96932839 \times 1.618033988 = 25.8389161$
- 3) $25.8389161 \times 1.618033988 = 41.80824447$
- 5) $41.80824447 \times 1.618033988 = 67.64716053$
- 6) $67.64716053 \times 1.618033988 = 109.4554049$
- 7) $109.4554049 \times 1.618033988 = 177.1025653$
- 8) $177.1025653 \times 1.618033988 = 286.5579701$
- 9) $286.5579701 \times 1.618033988 = \mathbf{463.6605351}$

*If a certain object was to travel with a speed of **463.6605351** m/sec, for one day it would travel a distance of **40,060.27023** km = length of the Earth's equator.*

- 1) $3.14159 \times 1.618033988 = 5.083199396$
- 2) $5.083199396 \times 1.618033988 = 8.224789391$
- 3) $8.224789391 \times 1.618033988 = 13.30798878$
- 4) $13.30798878 \times 1.618033988 = 21.53277816$

$$5) 21.53277816 \times 1.168033988 = 34.84076691$$

$$6) 34.84076691 \times 1.168033988 = 56.37354503$$

$$7) 56.37354503 \times 1.168033988 = 91.21431189$$

$$8) 91.21431189 \times 1.168033988 = \mathbf{147.5878568}$$

*If a certain object was to travel with a speed of **147.5878568** m/sec, for one day it would travel a distance of 12,751.59083 km:*

$$12,751.59083 \times 3.14159 = \mathbf{40,060.27023 \text{ km.}}$$

SUN – EARTH - PYRAMID

• Earth – Sun (distance) = 149,597,870 km = 1 Astronomical unit (1 AU) = 5,889,679,921,259.84252 inches.

To travel distance of 5,889,679,921,259.84252 inches in one day (24 hours), a certain object would have to travel at a speed of 68,167,591.68125 inches per second.

• Earth's orbital speed around the Sun = 29.78588148 km/s = 1,172,672.4984252 inches per second:

68,167,591.681249 : 1,172,672.4984 = 58.13011883 inches = 10th part of the original height of the Great Pyramid.

68,167,591.68125 inches = 1731.45682870375 km =
= radius of the Moon.

APPENDIX

STANDARD MEASURE OF CAPACITY AND WEIGHT

“In the midst of such scenes, illustrating, unfortunately, what is actually going on, and chiefly applauded still, among the Egyptologists of the nineteenth century, comes out the late John Taylor with the result of his long and respectful researches; and suggests more or less that: ‘The coffer in the King’s Chamber of the Great Pyramid was intended to be a standard measure of capacity and weight; primarily in a special, exclusive, or selective manner, but ultimately for all nations; and certain nations, he considered, did thence originally receive their weights and measures; so that those of them who still preserve, to some degree, with their language and history, their hereditary, aboriginal weights and measures, may yet trace their prehistoric connection substantially with that one primeval, standard, metrological centre for all the future world, the Great Pyramid’.” [1]

That John Taylor's statement is correct, will give us the following example:

a) exterior cubic size of the coffer in the King's Chamber = 2335.221681 liters,

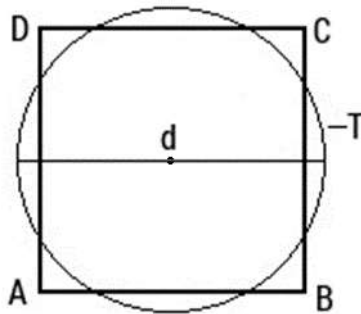
b) barile (of Rome) = 58.34 liters

$2335.221681 : 58.34 = 40.02779707$ liters

The difference between the coffer's 40th part of the capacity and the Roman measure "barile" is 27.79707 cm³ or 1.696 cubic inches.

.....
[1] *Piazzì Smyth, The Great Pyramid, Gramercy Books, New York, 1994, p. 133.*

THE GEOMETRY OF A YEAR



Geometry of a year.

The length of the Pyramid base is 365.242 sacred cubits, so each day of the year corresponds to the length of one sacred cubit. Diameter (**d**) of the Circle **T** is 116.2602377 units (days) and radius 58.13011885 units (days).

The surface of Circle **T** is equal to the surface of Square **ABCD**, and 103.0329095 days (units) is the length of each side of Square **ABCD**. The circumference of the Square is 412.1316378 units (days) and it's the number of the length of the King's Chamber.

The number 103.0329095 is the sum of the days since the winter solstice to April 8th, according to the calendar of the 31st year of the Christian era (*Page 160*). On April 8th was the "Resurrection of Jesus":

$$365.242 : 103.0329095 = 3.544906203 \text{ days.}$$

The circle with circumference 3.544906203 units has a diameter of 1.128379643 units (days) and its surface is 1 unit (day).

Jesus is "the Sun of Righteousness" and "King of Glory": Jesus is the personification of the Sun.

EVE, TIME AND THE EARTH



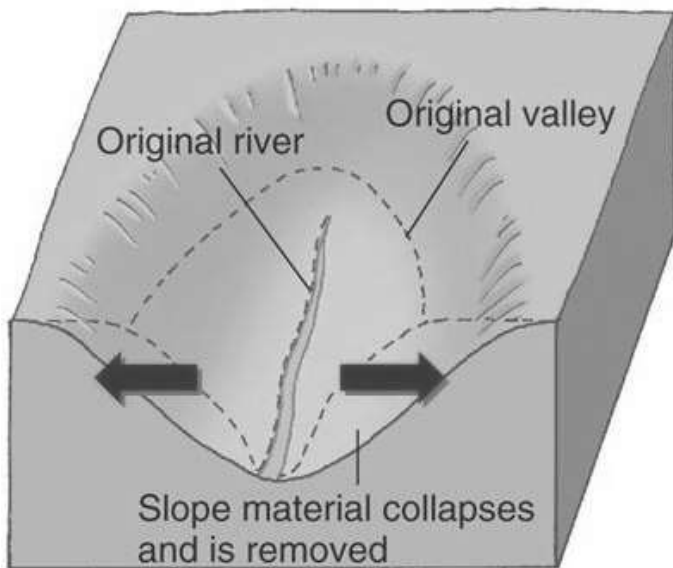
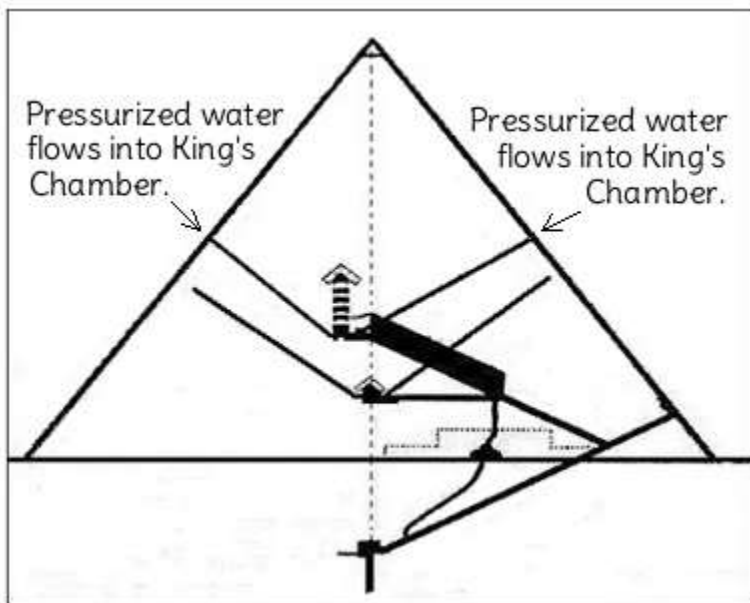
According to the Great Pyramid, Eve, Adam's wife, lived 939 years. Eve is a symbol of the Earth represented by the Queen's chamber in the Great Pyramid.

In the Queen's chamber there is the niche with five step-pyramid-like elevations:

$5 \times 939 = 4695$ years = time from Noah's Flood to 2070 AD.

According to the chronology of the Great Pyramid, this is the end of our time and the transformation of the Earth.

NOAH'S FLOOD AND THE PYRAMID'S STONE

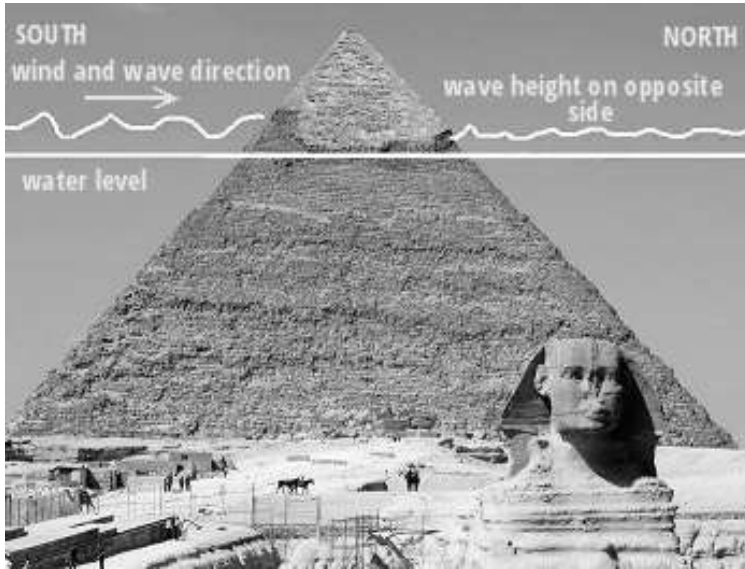


Fluvial erosion.



The Great Step is recessed by the flow of water.

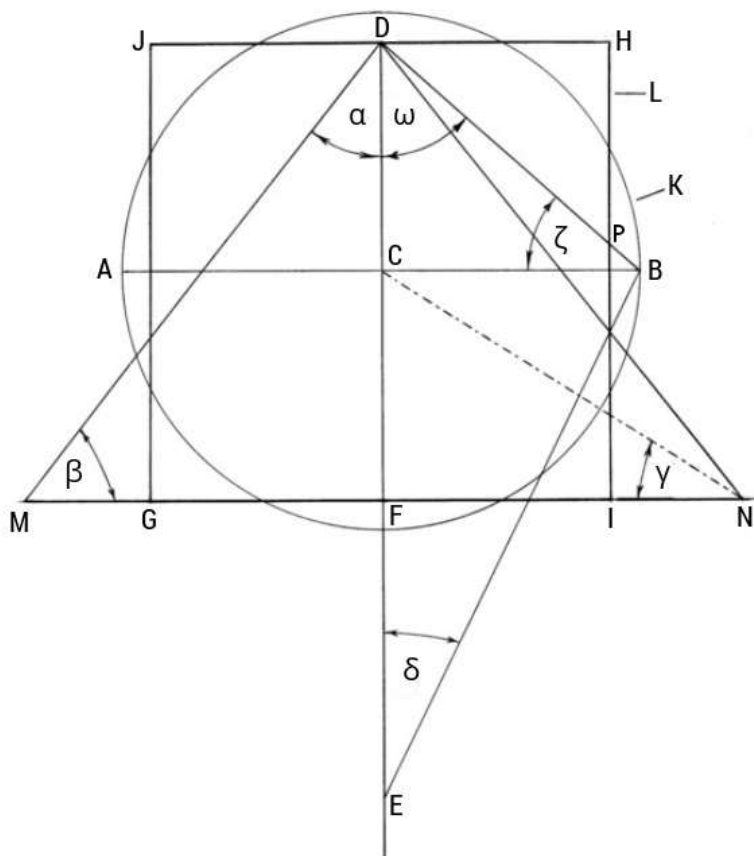
The Great Pyramid was built around 3200 BC, 575 years before Noah's Flood. When the water rose to the outlet of the so-called "air-channels" of the King's Chamber, the water squeaked into the King's Chamber with great pressure, damaging the granite of the exit canals. From there, water flowed through Antechamber and across the Grand Step into the Grand Gallery. Into the soft limestone of the Great Step, the water made a big dent, as the river cuts ground around its course.



When I say that the pyramids of Giza were once under the water of the Great Flood, some laugh and they repeat what they have been taught: *"It's from the gust of wind with sand!"*

They don't think about why this top of the Cheops pyramid was not "damaged by the gust of wind with sand"?

PYRAMIDAL GEOMETRY OF THE NUMBER ONE (1)



- a)** The number of the length of the base of the Pyramid
= 9131.05 (inches),
- b)** angle of ascent of the northern "ventilation" channel
of the King's Chamber = 32.48165854° ,
- c)** $\tan 32.48165854^\circ = 0.63662031 = 1.273240621/2 =$
= tangent of angle β ($\beta = 51.85399754^\circ$ = angle of
Pyramid's ascent):

$$9131.05 \times 0.443113275 = 4046.08947$$

$$4046.08947 \times 1.273240621 = 5151.645469$$

$5151.645469 : 25 = 206.0658189 =$ width of the King's Chamber (in inches),

$206.0658189 \times 2 = 412.1316378 =$ the length of the King's Chamber (in inches),

• 1 tropical year = 365.242 (days):

$412.1316378 : 365.242 = 1.128379644 = \mathbf{AB}$ (diameter of the Circle **K**),

• $\alpha = 38.14600246^\circ$

• $\tan 38.14600246^\circ = 0.7853975$

• $\beta = 51.85399754^\circ$

• $\gamma = 32.48165854^\circ =$ angle of the north "air-channel" of the King's Chamber;

• $\tan 32.48165854^\circ = 0.63662031 = 1.273240621/2$

• $\delta = 26.3026897^\circ =$ angle of the Great Pyramid passages;

• $\tan 26.3026897^\circ = 0.494289195$

• $\sin 26.3026897^\circ = 0.443113275$

• $\zeta = 41.5482142^\circ$

• $\tan 41.5482142^\circ = 0.886226551 = \sqrt{0.78643975}$

• $\omega = 48.4517858^\circ$

• $\tan 48.4517858^\circ = 1.128379644 = \sqrt{1.273240621}$

• $\mathbf{FD = GI = IH = HJ = FJ = 1}$

• $\mathbf{CD = 0.5}$

• $\mathbf{AB = 1.128379644 = \tan \omega}$

• $\mathbf{HP = 0.443113275 = \sin \beta}$

• $\mathbf{CB = 0.564189822 =}$ radius of the Circle **K**

• $\mathbf{HP/CB = 0.443113275 : 0.564189822 = 0.786439353 = \Pi/4}$

• $\mathbf{EC = 1.141416458}$

• $\mathbf{EB = 1.273240621 = \tan \beta}$

• $\mathbf{MN = 1.570795 = \Pi/2}$

a) $AB/\tan \omega = GI$

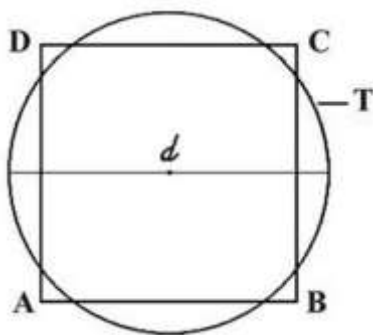
b) $GI \times \tan \omega = AB$

The diameter of each circle divided by the number 1.128379644 gives the length of the sides of a square that has the same area as the circle of that diameter.

WARNING FOR THE TIME 2035-2070 AD

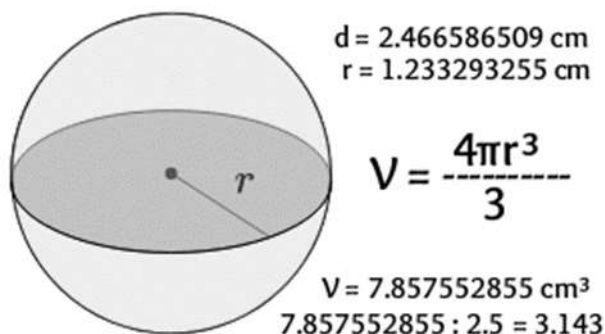
The length of the base and the height of the Great Pyramid claim that the end of time of our world is between 2035-2070 AD.

The architect of the Great Pyramid coded the measures of time in the Pyramid's length measures and volume measures. He did this by determining a certain measure of length or a certain time for the length of a day or a year. Here we will show how the geometry of the number ONE and the number Pi is written in the coded measures of time and length, as proof of the accuracy of the codes.



According to the Pyramid code, one day corresponds to a length of 2.466586509 cm. Somebody will say that it is my imagination or a random combination of numbers, but he is wrong, because this is 100% correct and we will show and prove this accuracy through geometry:

- a) 1 day = 2.466586509 cm = **AB**,
b) area of the Square **ABCD** = 6.084049006 cm² =
area of the Circle **T**,
c) diameter of the Circle **T** = 2.783246006 cm,
d) circumference of the Circle **T** = 8.74381782 cm.



A day is a measure of time and like any measure can be applied in geometry. Since 2.466586509 cm is encoded in one day, and we see how many days are encoded in 8.74381782 cm:

8.74381782 : 2.466586509 = 3.544906205 days.
So, expressed in days, it is like this:

1. circumference of the Circle **T** = 3.544906205 days (measure),
2. diameter (d) of the Circle **T** = 1.128379644 days (measure),
3. radius of the Circle = 0.564189821 days (measure),
4. area of the Circle = $r^2 \times \text{Pi} = 0.564189821^2 \times 3.14159 = \mathbf{1 \text{ day}} = \text{AB} = \text{BC} = \text{CD} = \text{DA}$ (Figure on page 242).
5. $1.128379644^2 = 1.273240621 =$ tangent of the Pyramid angle of ascent ($\tan 51.85399754^\circ$).

The circumference of a year-circle compared to the circumference of the Circle **T** looks like this:

- a) **1** (one) year-circle = 365.242 days,

b) circumference of the Circle **T** = 3.544906205 days:

365.242 : 3.544906205 = 103.0329094 days = this
is in inches half the width of the King's Chamber
($\frac{1}{2}$ 206.0658189 inches) or 4 the length of the King's
Chamber (4 x 103.0329094 = 412.1316378 inches).

Bibliography

Arthur James Johnes, Philological proofs of the original unity and recent origin of the human race, Apendix A., London: Samuel Clarke, 1843.

E. A. Wallis Budge, An Egyptian Hieroglyphic Dictionary, Vo. I, London, John Murray, 1920, p. 542.

James Fergusson, History of Architecture, Vol. 1, London, 1865.

John Edgar and Morton Edgar, The Great Pyramid Passages and Chambers, Volume I, Bone & Hulley, Glasgow, 1910.

I. E. S. Edvards, The Pyramids of Egypt, Penguin Books, London, 1986.

John Dyneley Prince, Materials for a Sumerian Lexicon, Leipzig, J. C. Hinrichs'sche Buchhandlung, 1908

Joseph A. Seiss, Miracle in stone: or, The Great pyramid of Egypt, Porter & Coater, Philadelphia, 1878.

John Edgar and Morton Edgar, The Great Pyramid Passages and Chambers, Volume II, Bone & Hulley, Glasgow, 1913.

Laurence Austine Waddell, Egyptian Civilization, London, Luzak & Co., 1930.

Louis Phillipe McCarty, The Great Pyramid Jeezeh, San Francisco, 1907.

Morton Edgar, The Great Pyramid, Its Scientific Features, Part I of 1914 A.D. and the Great Pyramid, Glasgow, 1924.

Peter Lemesurier, The Great Pyramid decoded, Rockport, Massachusetts, 1996.

Piazzzi Smith, Our Inheritance in the Great Pyramid, London, 1880.

Rabby Yissachar Dov Rubin, Talelei Oros, The Parashah Antology, Bamidbar/ Numbers, Jerusalem - New York: Feldheim Publishers, 2002.

Richard A. Proctor, The Great Pyramid: Observatory, Tomb, and Temple; Chatto & Windus, London, 1883.

Rudolf Gantenbrink, The Upuaut Project, The 1993 Campaign, official website.

Samuel Fales Dunlap, The Ghebers of Hebron, New York: J. W. Bouton; London: George Redway, 1898,

Silvio A. Bedini, The Life of Benjamin Banneker: the Definitive Biography of the First Black man of the Science, New York: Charles Scribner's Sons, 1972.

William Vyse, Operations carried out on the Pyramids of Gizeh, 3. Vol. London, 1840-42.

W. M. Flinders Petrie, The Pyramids and Temples of Gizeh, London, 1883.

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*“This is from the LORD, and it is marvelous in our eyes.”
(Psalm, 118, 23)*